

May 15, 2023

The Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

**Re: Trans-Allegheny Interstate Line Company
Informational Filing
2023 Formula Rate Annual Update
Docket No. ER07-562-000**

Dear Secretary Bose:

Pursuant to the Commission's order dated May 31, 2007 in Docket No. ER07-562-000¹ and the uncontested settlement approved by the Commission in an order dated July 21, 2008 in Docket No. ER07-562-004,² Trans-Allegheny Interstate Line Company ("TrAILCo") hereby submits for informational purposes its 2023 Annual Update to recalculate its annual transmission revenue requirements ("Annual Update").

The Annual Update includes (i) a reconciliation of the annual transmission revenue requirements for the 2022 Rate Year³ (Attachment 1), (ii) the annual transmission revenue requirements for the 2023 Rate Year to become effective on June 1, 2023 (Attachment 2), and (iii) a detailed accounting of transfers between construction work in progress ("CWIP") and Plant in Service as required by the May 31 Order (Attachment 3).

¹ *Trans-Allegheny Interstate Line Co.*, 119 FERC ¶ 61,219, at P 59 (2007) ("May 31 Order").

² *Trans-Allegheny Interstate Line Co.*, 124 FERC ¶ 61,075 (2008).

³ The "Rate Year" begins on June 1 of a given calendar year and continues through May 31 of the subsequent calendar year.

I. Background

TrAILCo's formula rate implementation protocols ("Protocols") on file with the Commission specify in relevant part that:

On or before May 15 of each year, TrAILCo shall recalculate its Annual Transmission Revenue Requirements, producing the "Annual Update" for the upcoming Rate Year, and post such Annual Update of PJM's Internet website via link to the Transmission Services page or a similar successor page. The Annual Update, which shall show separately the transmission revenue requirement for each TrAILCo facility listed in Schedule 12 – Appendix as subject to these procedures, shall also be provided to FERC in an informational filing.

If the date for making the Annual Update posting/filing should fall on a weekend or a holiday recognized by the FERC, then the posting/filing shall be due on the next business day.⁴

II. Description of Filing

As required under the Protocols, TrAILCo is submitting the Annual Update with the Commission as an informational filing. Concurrently, TrAILCo also will submit the Annual Update to PJM for posting on its Internet website via link to the Formula Rates page that includes a recalculation of TrAILCo's annual transmission revenue requirements.⁵

The Annual Update contains no expenses or costs that have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices, as defined in 18 C.F.R. § 35.13(b)(7). In addition, please note that TrAILCo has made no material changes in its accounting policies and practices from those in effect during the previous Rate Year and upon which TrAILCo's current revenue requirements are based.

As specified in Section 1 of the Protocols, this filing is informational only. Any challenges to the implementation of the TrAILCo formula rate must be made through the challenge procedures described in Sections 3 and 4 of the Protocols or in a separate complaint proceeding, and not in response to this Informational Filing.

⁴ PJM Interconnection, L.L.C., Open Access Transmission Tariff, Attachment H-18B, Sections 1(b) and 1(c).

⁵ See <https://www.pjm.com/markets-and-operations/billing-settlements-and-credit/formula-rates.aspx>.

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III. Communications

Communications with respect to the Information Filing should be directed to the following individuals whose names should be entered on the official service list for this docket:⁶

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⁶ TrAILCo requests waiver of 18 C.F.R. § 385.203(b)(3) to the extent necessary to include more than two names on the official service list.

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IV. Conclusion

Please contact the undersigned with any questions regarding this matter.

Respectfully submitted,

P. Nikhil Rao	<u>/s/ Bradley R. Miliauskas</u>
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*Attorneys for
Trans-Allegheny Interstate Line Company*

Enclosures

Attachment 1

Reconciliation of 2022 Annual Transmission Revenue Requirements

May 15, 2023

ATTACHMENT H-18A

Trans-Allegheny Interstate Line Company				TrAILCo
Formula Rate -- Appendix A		Notes	FERC Form 1 Page # or Instruction	2022 Reconciliation
Shaded cells are input cells				
Allocators				
Wages & Salary Allocation Factor				
1	Transmission Wages Expense		p354.21.b	0
2	Total Wages Expense		p354.28.b	0
3	Less A&G Wages Expense		p354.27.b	0
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	0
5	Wages & Salary Allocator		(Line 1 / Line 4), if line 2 = 0, then 100%	100.0000%
Plant Allocation Factors				
6	Electric Plant in Service	(Note B)	Attachment 5	2,344,446,126
7	Total Plant In Service		(Line 6)	2,344,446,126
8	Accumulated Depreciation (Total Electric Plant)		Attachment 5	449,318,382
9	Total Accumulated Depreciation		(Line 8)	449,318,382
10	Net Plant		(Line 7 - Line 9)	1,895,127,744
11	Transmission Gross Plant		(Line 15 + Line 21)	2,344,446,126
12	Gross Plant Allocator		(Line 11 / Line 7, if line 7=0, enter 100%)	100.0000%
13	Transmission Net Plant		(Line 11 - Line 29)	1,895,127,744
14	Net Plant Allocator		(Line 13 / Line 10, if line 10=0, enter 100%)	100.0000%
Plant Calculations				
Transmission Plant				
15	Transmission Plant In Service	(Note B)	Attachment 5	2,214,331,211
16	New Trans. Plant Adds. for Current Calendar Year (13 average balance)	(Note B)	Attachment 6	0
17	Total Transmission Plant		(Line 15 + Line 16)	2,214,331,211
18	General & Intangible		Attachment 5	130,114,915
19	Total General & Intangible		(Line 18)	130,114,915
20	Wage & Salary Allocator		(Line 5)	100.0000%
21	Transmission Related General and Intangible Plant		(Line 19 * Line 20)	130,114,915
22	Transmission Related Plant		(Line 17 + Line 21)	2,344,446,126
Accumulated Depreciation				
23	Transmission Accumulated Depreciation	(Note B)	Attachment 5	402,745,707
24	Accumulated General Depreciation		Attachment 5	18,050,004
25	Accumulated Intangible Amortization		Attachment 5	28,522,672
26	Total Accumulated General and Intangible Depreciation		(Sum Lines 24 to 25)	46,572,675
27	Wage & Salary Allocator		(Line 5)	100.0000%
28	Transmission Related General & Intangible Accumulated Depreciation		(Line 26 * Line 27)	46,572,675
29	Total Transmission Related Accumulated Depreciation		(Line 23 + Line 28)	449,318,382
30	Total Transmission Related Net Property, Plant & Equipment		(Line 22 - Line 29)	1,895,127,744

Adjustment To Rate Base

Accumulated Deferred Income Taxes				
31	ADIT net of FASB 106 and 109	Enter Negative	Attachment 1	-453,006,789
32	Transmission Related Accumulated Deferred Income Taxes		(Line 31)	-453,006,789
33	Transmission Related CWIP (Current Year 13 Month weighted average balances)	(Note B)	p216.b.43 as shown on Attachment 6	0
34	Transmission Related Land Held for Future Use	(Note C)	Attachment 5	0
Transmission Related Pre-Commercial Costs Capitalized				
35	Unamortized Capitalized Pre-Commercial Costs		Attachment 5	0
Prepayments				
36	Transmission Related Prepayments	(Note A)	Attachment 5	585,057
Materials and Supplies				
37	Undistributed Stores Expense	(Note A)	Attachment 5	0
38	Wage & Salary Allocator		(Line 5)	100.0000%
39	Total Undistributed Stores Expense Allocated to Transmission		(Line 37 * Line 38)	0
40	Transmission Materials & Supplies		Attachment 5	0
41	Transmission Related Materials & Supplies		(Line 39 + Line 40)	0
Cash Working Capital				
42	Operation & Maintenance Expense		(Line 74)	41,174,856
43	1/8th Rule		1/8	12.5%
44	Transmission Related Cash Working Capital		(Line 42 * Line 43)	5,146,857
45	Total Adjustment to Rate Base		(Lines 32 + 33 + 34 + 35+ 36 + 41 + 44)	-447,274,875
46	Rate Base		(Line 30 + Line 45)	1,447,852,869

O&M

Transmission O&M				
47	Transmission O&M		p321.112.b	10,522,093
48	Less Account 566 Misc Trans Exp listed on line 73 below.)		(line 73)	1,677,962
49	Less Account 565		p321.96.b	0
50	Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note M)	PJM Data	0
51	Plus Property Under Capital Leases		p200.4.c	0
52	Transmission O&M		(Lines 47 - 48 - 49 + 50 + 51)	8,844,131
A&G Expenses				
53	Total A&G		p323.197.b	30,652,763
54	Less Property Insurance Account 924		p323.185.b	464,574
55	Less Regulatory Commission Exp Account 928	(Note E)	p323.189.b	0
56	Less General Advertising Exp Account 930.1		p323.191.b	0
57	Less PBOP Adjustment		Attachment 5	0
58	Less EPRI Dues	(Note D)	p352 & 353	0
59	A&G Expenses		(Line 53) - Sum (Lines 54 to 58)	30,188,189
60	Wage & Salary Allocator		(Line 5)	100.0000%
61	Transmission Related A&G Expenses		(Line 59 * Line 60)	30,188,189
Directly Assigned A&G				
62	Regulatory Commission Exp Account 928	(Note G)	Attachment 5	0
63	General Advertising Exp Account 930.1	(Note J)	Attachment 5	0
64	Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 62 + Line 63)	0
65	Property Insurance Account 924		p323.185.b	464,574
66	General Advertising Exp Account 930.1	(Note F)	Attachment 5	0
67	Total Accounts 928 and 930.1 - General		(Line 65 + Line 66)	464,574
68	Net Plant Allocator		(Line 14)	100.0000%
69	A&G Directly Assigned to Transmission		(Line 67 * Line 68)	464,574
Account 566 Miscellaneous Transmission Expense				
70	Amortization Expense on Pre-Commercial Cost	Account 566	Attachment 5	0
71	Pre-Commercial Expense	Account 566	Attachment 5	0
72	Miscellaneous Transmission Expense	Account 566	Attachment 5	1,677,962
73	Total Account 566		Sum (Lines 70 to 72)	1,677,962
74	Total Transmission O&M		(Lines 52 + 61 + 64 + 69 + 73)	41,174,856

Depreciation & Amortization Expense

Depreciation Expense			
75	Transmission Depreciation Expense	Attachment 5	45,361,531
76	General Depreciation	Attachment 5	2,975,586
77	Intangible Amortization	(Note A) Attachment 5	4,557,054
78	Total	(Line 76 + Line 77)	7,532,640
79	Wage & Salary Allocator	(Line 5)	100.0000%
80	Transmission Related General Depreciation and Intangible Amortization	(Line 78 * Line 79)	7,532,640
81	Total Transmission Depreciation & Amortization	(Lines 75 + 80)	52,894,171

Taxes Other than Income

82	Transmission Related Taxes Other than Income	Attachment 2	14,047,689
83	Total Taxes Other than Income	(Line 82)	14,047,689

Return / Capitalization Calculations

84	Preferred Dividends	enter positive	p118.29.c	0
Common Stock				
85	Proprietary Capital		p112.16.c	955,421,227
86	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	0
87	Less Preferred Stock		(Line 95)	0
88	Less Account 216.1		p112.12.c	0
89	Common Stock		(Line 85 - 86 - 87 - 88)	955,421,227
Capitalization				
90	Long Term Debt	(Note N)		624,903,453
91	Less Unamortized Loss on Reacquired Debt		p111.81.c	0
92	Plus Unamortized Gain on Reacquired Debt		p113.61.c	0
93	Less ADIT associated with Gain or Loss		Attachment 1	0
94	Total Long Term Debt		(Line 90 - 91 + 92 - 93)	624,903,453
95	Preferred Stock		p112.3.c	0
96	Common Stock		(Line 89)	955,421,227
97	Total Capitalization		(Sum Lines 94 to 96)	1,580,324,680
98	Debt %	Total Long Term Debt	(Note N) (Line 94 / Line 97)	39.5427%
99	Preferred %	Preferred Stock	(Note N) (Line 95 / Line 97)	0.0000%
100	Common %	Common Stock	(Note N) (Line 96 / Line 97)	60.4573%
101	Debt Cost	Total Long Term Debt		0.0394
102	Preferred Cost	Preferred Stock	(Line 84 / Line 95)	0.0000
103	Common Cost	Common Stock	(Note I) The most recent FERC approved ROE	0.1170
104	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 98 * Line 101)	0.0156
105	Weighted Cost of Preferred	Preferred Stock	(Line 99 * Line 102)	0.0000
106	Weighted Cost of Common	Common Stock	(Line 100 * Line 103)	0.0707
107	Rate of Return on Rate Base (ROR)		(Sum Lines 104 to 106)	0.0863
108	Investment Return = Rate Base * Rate of Return		(Line 46 * Line 107)	124,971,196

Composite Income Taxes

Income Tax Rates			
109	FIT=Federal Income Tax Rate	(Note H)	21.00%
110	SIT=State Income Tax Rate or Composite		7.41%
111	p	(percent of federal income tax deductible for state purp Per State Tax Code	0.00%
112	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$	26.86%
113	T/(1-T)		36.72%
114	Income Tax Component =	$CIT=(T/1-T) * Investment\ Return * (1-(WCLTD/R)) =$	[Line 113 * Line 108 * (1- (Line 104 / Line 107))]
114a	(Excess)/Deficient Deferred Income Taxes	(Note O)	(Attachment 1.1, Line 40, Col. H)
115	Total Income Taxes	(Line 114 + Line 114a)	26,544,330

REVENUE REQUIREMENT

Summary			
116	Net Property, Plant & Equipment	(Line 30)	1,895,127,744
117	Total Adjustment to Rate Base	(Line 45)	-447,274,875
118	Rate Base	(Line 46)	1,447,852,869
119	Total Transmission O&M	(Line 74)	41,174,856
120	Total Transmission Depreciation & Amortization	(Line 81)	52,894,171
121	Taxes Other than Income	(Line 83)	14,047,689
122	Investment Return	(Line 108)	124,971,196
123	Income Taxes	(Line 115)	26,544,330
124	Gross Revenue Requirement	(Sum Lines 119 to 123)	259,632,242

Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities			
125	Transmission Plant In Service	(Line 22)	2,344,446,126
126	Excluded Transmission Facilities	(Note L) Attachment 5	0
127	Included Transmission Facilities	(Line 125 - Line 126)	2,344,446,126
128	Inclusion Ratio	(Line 127 / Line 125)	100.00%
129	Gross Revenue Requirement	(Line 124)	259,632,242
130	Adjusted Gross Revenue Requirement	(Line 128 * Line 129)	259,632,242
131	Revenue Credits	Attachment 3	3,480,831
132	Net Revenue Requirement	(Line 130 - Line 131)	256,151,411

Net Plant Carrying Charge			
133	Net Revenue Requirement	(Line 132)	256,151,411
134	Net Transmission Plant + CWIP	(Line 17 - Line 23 + Line 33)	1,811,585,505
135	FCR	(Line 133 / Line 134)	14.1396%
136	FCR without Depreciation	(Line 133 - Line 75) / Line 134	11.6357%
137	FCR without Depreciation and Pre-Commercial Costs	(Line 133 - Line 70 - Line 71 - Line 75) / Line 134	11.6357%
138	FCR without Depreciation, Return, nor Income Taxes	(Line 133 - Line 75 - Line 108 - Line 115) / Line 134	3.2720%

Net Plant Carrying Charge Calculation with Incentive ROE			
139	Net Revenue Requirement Less Return and Taxes	(Line 132 - Line 122 - Line 123)	104,635,885
140	Increased Return and Taxes	Attachment 4	163,483,064
141	Net Revenue Requirement with Incentive ROE	(Line 139 + Line 140)	268,118,948
142	Net Transmission Plant + CWIP	(Line 17 - Line 23+ Line 33)	1,811,585,505
143	FCR with Incentive ROE	(Line 141 / Line 142)	14.8002%
144	FCR with Incentive ROE without Depreciation	(Line 141 - Line 75) / Line 142	12.2963%
145	FCR with Incentive ROE without Depreciation and Pre-Commercial	(Line 141 - Line 70 - Line 71 - Line 75) / Line 142	12.2963%
146	Net Revenue Requirement	(Line 132)	256,151,410.75
147	Reconciliation amount	Attachment 6	0.00
148	Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones	Attachment 7	5,742,966.30
149	Facility Credits under Section 30.9 of the PJM OATT	Attachment 5	0.00
150	Net Zonal Revenue Requirement	(Line 146 + 147 + 148 + 149)	261,894,377.05

Network Zonal Service Rate			
151	1 CP Peak	(Note K) PJM Data	N/A
152	Rate (\$/MW-Year)	(Line 150 / 151)	N/A
153	Network Service Rate (\$/MW/Year)	(Line 152)	N/A

Notes

- A Electric portion only
- B For both the estimate and the reconciliation, Construction Work In Progress ("CWIP") and leases that are expensed as O&M (rather than amortized) are excluded.
- For the Estimate Process:**
Transmission plant in service will show the end of year balance and is linked to Attachment 5 which shows detail support by project.
The transmission plant will agree to or be reconciled to the FERC Form 1 balance for the transmission plant.
New Transmission Plant expected to be placed in service in the current calendar year will be based on the average of 13 monthly investment costs and shown separately detailed by project on Attachment 6.
Accumulated depreciation will show the end of year balance and is linked to Attachment 5 which shows detail support by project.
CWIP will be linked to Attachment 6 which shows detail support by project (incentive and non-incentive).
- For the Reconciliation Process:**
Transmission plant in service will be calculated using a 13 month average balance and will be detailed on Attachment 5. This includes new transmission plant added to plant-in-service
Accumulated depreciation will be calculated using a 13 month average balance and will be detailed on Attachment 5. This includes accumulated depreciation associated with current year transmission plant.
CWIP will be linked to Attachment 6 which shows detail support by project (incentive and non-incentive).
- C Includes Transmission portion only and (i) only land that has an estimated in-service date within 10 years may be included and (ii) a plan for the land's use is required to be included in the filing whenever the cost of the land is proposed to be included in rates.
- D Excludes all EPRI Annual Membership Dues
- E Excludes all Regulatory Commission Expenses
- F Includes Safety related advertising included in Account 930.1
- G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
- H 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. If the utility includes taxes in more than one state, it must explain in Attachment 5 the name of each state and how the blended or composite SIT was developed.
- I ROE will be established in the Commission order accepting the settlement in Docket No. ER07-562 and no change in ROE will be made absent a Section 205 or Section 206 filing at FERC.
- J Education and outreach expenses relating to transmission, for example siting or billing
- K As provided for in Section 34.1 of the PJM OATT; the PJM established billing determinants will not be revised or updated in the annual rate reconciliations.
- L Amount of transmission plant excluded from rates per Attachment 5.
- M Payments made under Schedule 12 of the PJM OATT that are not directly assessed to load in the Zone under Schedule 12 are included in Transmission O&M on Line 47. If they are booked to Acct 565, they are included on Line 50. Copies of PJM invoices will be provided upon request.
- N The capital structure will remain 50% equity and 50% debt until construction of all of the segments of the TrAIL Project is completed and the entire TrAIL Project is placed in service. The first year that these projects are in service the formula will be run based on the 50/50 capital structure and on the actual year end capital structure. The two results will be weighted based on: the number of days the last project was in service and 365 day minus the numbers of days the last project was in service divided by 365 days.
This can be illustrated using the following example:
- Example:
- Assume Last Project goes into service on day 260.
Hypothetical Capital Structure until the last project goes into service is 50/50.
Assume Year End actual capital structure is 60% equity and 40% debt.
- Therefore: Weighted Equity = $[50\% \cdot 260 + 60\% \cdot (365 - 260)] / 365$
- O Upon enactment of changes in tax law, income tax rates and other actions taken by a taxing authority, deferred taxes are re-measured and adjusted in the Company's books of account, resulting in

Trans-Allegheny Interstate Line Company
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

Attachment H-18A, Attachment 1
 page 1 of 1
 For the 12 months ended 12/31/

Line	Trans-Allegheny Interstate Company							
	B1 <i>Beg of Year Total</i>	B2 <i>End of Year Total</i>	B3 <i>End of Year for Est. Average for Final Total</i>	C <i>Retail Related</i>	D <i>Only Transmission Related</i>	E <i>Plant Related</i>	F <i>Labor Related</i>	G <i>Total ADIT</i>
1 ADIT- 282 From Account Total Below	569,306,013	566,137,535	567,721,774		567,721,774	-	-	567,721,774
2 ADIT-283 From Account Total Below	82,311,791	94,041,689	88,176,740		69,609,547	-	-	69,609,547
3 ADIT-190 From Account Total Below	(182,081,741)	(189,521,530)	(185,801,636)		(184,324,532)	-	-	(184,324,532)
4 Subtotal					453,006,789	-	-	453,006,789
5 Wages & Salary Allocator								
6 Gross Plant Allocator								
7 ADIT					453,006,789	-	-	453,006,789

Enter Negative

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 93.
 Amount

0 < From Acct 283, below

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns C-F and each separate ADIT item will be listed, Dissimilar items with amounts exceeding \$100,000 will be listed separately.

A	B1	B2	B3	C	D	E	F	G	
Trans-Allegheny Interstate Company									
ADIT-190	Beg of Year Balance p234.18.b	End of Year Balance p234.18.c	End of Year for Est. Average for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Accelerated Tax Depr-FED-Norm	6.00	-	3.00			3.00			Additional tax depreciation over book
Accum Prov For Inj and Damage-Gen Liability	-	134,288.00	67,144.00			67,144.00			Book accrual not deductible for tax until paid
Charitable Contribution - VA RTA	70.00	62.00	66.00		66.00				Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
Charitable Contribution - WV RTA	1,648.00	1,648.00	1,648.00		1,648.00				Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
Charitable Contribution Carryforward	4,559.00	1,978.00	3,268.50		3,268.50				Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
CIAC-Fed-Norm	1,242,530.00	1,247,063.00	1,244,796.50			1,244,796.50			Taxable CIAC
CIAC-Fed-Norm-Incurred-CWIP	1,892,584.00	1,892,585.00	1,892,584.50			1,892,584.50			Taxable CIAC
CIAC-MD-Norm-Incurred-CWIP	21,594.00	21,594.00	21,594.00			21,594.00			Taxable CIAC
CIAC-PA-Norm	96,435.00	97,380.00	96,907.50			96,907.50			Taxable CIAC
CIAC-PA-Norm-Incurred-CWIP	71,175.00	71,175.00	71,175.00			71,175.00			Taxable CIAC
CIAC-VA-Norm	(34,093.00)	(35,624.00)	(34,858.50)			(34,858.50)			Taxable CIAC
CIAC-VA-Norm-Incurred-CWIP	20,558.00	20,558.00	20,558.00			20,558.00			Taxable CIAC
CIAC-WV-Norm	94,259.00	94,623.00	94,441.00			94,441.00			Taxable CIAC
CIAC-WV-Norm-Incurred-CWIP	157,677.00	157,678.00	157,677.50			157,677.50			Taxable CIAC
Deferral Amortization of Excess Deferred Income Tax	3,554,796.00	2,807,036.00	3,180,916.00			3,180,916.00			Resulting from deferral of refund of excess ADIT due to customers
FASB 109 Gross-UP	980,373.27	18,982,832.19	9,981,602.73			9,981,602.73			Reclass of the tax portion (gross-up) for property items included in account 190
Federal NOL	87,317,982.00	92,124,244.00	89,721,113.00			89,721,113.00			Result of bonus depreciation
General Business Credit Carryforward	176,874.00	220,419.00	198,646.50		198,646.50				See #283 for FIN 48 Reserve related to this item. Similar to ATSI and MAIT in that offset it booked to Tax Reg Liab.
Merger Costs: D&O Insurance	459.00	346.00	402.50		402.50				Costs incurred as a result of Allegheny merging with FirstEnergy which are not to be included within the revenue requirement
Merger Costs: Licenses	21,202.00	15,974.00	18,588.00		18,588.00				Costs incurred as a result of Allegheny merging with FirstEnergy which are not to be included within the revenue requirement
NOL Deferred Tax Asset - LT PA	(293,499.00)	(575,578.00)	(434,538.50)			(434,538.50)			Result of bonus depreciation
NOL Deferred Tax Asset - LT WV	18,499,318.00	18,690,314.00	18,594,816.00			18,594,816.00			Result of bonus depreciation
Other Reg Liability Misc	-	415,589.00	207,794.50		207,794.50				Temporary differences related to Sponsorships
**PA 2023 - 2031 corporate income tax gradual rate	-	865,799.00	432,899.50			432,899.50			Resulting from deferral of PA refund of excess ADIT due to customers
Pension EDCP-SERP Payments	-	826.00	413.00			413.00			Pension related temporary difference associated with Service Company allocations
Pension/OPEB : Other Deferred Credit or Debit	635,490.00	618,315.00	626,902.50			626,902.50			Pension related temporary difference associated with Service Company allocations
PJM Revenue Over/Under Recovery	25,598.00	-	12,799.00			12,799.00			
Post Retirement Benefits SFAS 106 Accrual	-	3,362.00	1,681.00			1,681.00			Estimate based on December Reopen 1/17/2023. Will most likely reverse with 2022 Federal RTA process in Q3 2023.
Purchase Accounting-LTD FMV	1,070,112.00	1,023,267.00	1,046,689.50		1,046,689.50				Reflects the adjustments and subsequent amortization of the regulatory asset associated with the adjusted debt balances resulting from the FE/AYE merger (Offset is PAA - LT Regulatory Asset Amort below in 283)
State Income Tax Deductible	1,630,966.00	1,571,349.00	1,601,157.50			1,601,157.50			Deductions related to state income taxes
Tax Interest Capitalized-Fed-Norm	26,910,336.00	28,713,634.00	27,811,985.00			27,811,985.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-Fed-Norm-Incurred-CWIP	33,921,585.00	33,972,231.00	33,946,908.00			33,946,908.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm	381,231.00	409,776.00	395,503.50			395,503.50			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm-Incurred-CWIP	333,706.00	334,714.00	334,210.00			334,210.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm	657,421.00	788,366.00	722,893.50			722,893.50			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm-Incurred-CWIP	1,176,735.00	1,183,832.00	1,180,283.50			1,180,283.50			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm	456,910.00	488,077.00	472,493.50			472,493.50			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Incurred-CWIP	357,278.00	356,229.00	356,753.50			356,753.50			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm	2,455,556.00	2,679,594.00	2,567,575.00			2,567,575.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm-Incurred-CWIP	2,777,479.00	2,785,004.00	2,781,241.50			2,781,241.50			Actual amount of tax interest capitalized
Subtotal	186,616,910	212,180,559	199,398,735	-	1,477,104	197,921,631	-	-	
Less FASB 109 included above	4,535,169	22,655,667	13,595,418	-	-	13,595,418	-	-	
Less FASB 106 included above	-	3,362	1,681	-	-	1,681	-	-	
Total	182,081,741	189,521,530	185,801,636	-	1,477,104	184,324,532	-	-	
FAS 109 EDIT		(56,979,035)							
FAS 109 Other		75,961,867							

Instructions for Account 190:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.
- FAS109 related to Excess/Deficient ADIT ("EDIT"). Sum of Accounts 282 and 283 less Account 190 will sum to Attachment 1.1 total. Other FAS109 does not include EDIT.

PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B1	B2	B3	C	D	E	F	G	
	Trans-Allegheny Interstate Company								
ADIT- 282	Beg of Year Balance p274.9.b	End of Year Balance p275.9.k	End of Year for Est. Average for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
A&G Expenses Capitalized	13,588,845	13,932,591	13,760,718			13,760,718			Basis difference relating to A&G expense
Accelerated Tax Depreciation	516,039,594	549,769,508	532,904,551			532,904,551			Additional tax depreciation over book
Additional State Depreciation MD	3,905,917	4,630,777	4,268,347			4,268,347			Temporary difference for additional state depreciation allowed for MD tax return
Additional State Depreciation PA	10,151,631	12,188,372	11,170,002			11,170,002			Temporary difference for additional state depreciation allowed for PA tax return
Additional State Depreciation VA	4,971,979	5,785,191	5,378,585			5,378,585			Temporary difference for additional state depreciation allowed for VA tax return
Additional State Depreciation WV	47,590,579	51,154,023	49,372,301			49,372,301			Temporary difference for additional state depreciation allowed for WV tax return
AFUDC Debt	4,563,570	4,617,759	4,590,665			4,590,665			Portion of AFUDC Debt that relates to property and booked to account 282
Capitalized Vertical Tree Trimming	140,628	141,997	141,313			141,313			Temporary difference that is capitalized for book purposes but deductible for tax purposes
Cost of Removal	(2,304,123)	(39,698,500)	(21,001,311)			(21,001,311)			Temporary difference arising for removal of plant/property
FASB 109 Gross-Up	(167,035,439)	(168,833,179)	(167,934,309)			(167,934,309)			Reclass of the tax portion (gross-up) for property items included in account 282
Other Basis Differences	(32,726,582)	(39,945,542)	(36,336,062)			(36,336,062)			Other property related temporary differences
T&D Repairs	3,383,974	3,561,357	3,472,666			3,472,666			Repair deduction on capitalized book asset deductible for tax purposes under Rev. Proc. 2011-43
Subtotal	402,270,574	397,304,356	399,787,465			399,787,465			
Less FASB 109 included above	(167,035,439)	(168,833,179)	(167,934,309)			(167,934,309)			
Less FASB 106 included above									
Total	569,306,013	566,137,535	567,721,774			567,721,774			
FAS 109 EDIT		(179,586,105)							
FAS 109 Other		10,752,925							

Instructions for Account 282:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.
- FAS109 related to Excess/Deficient ADIT ("EDIT"). Sum of Accounts 282 and 283 less Account 190 will sum to Attachment 1.1 total. Other FAS109 does not include EDIT.

PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B1	B2	B3	C	D	E	F	G	
	Trans-Allegheny Interstate Company								
ADIT-283	Beg of Year Balance p276.19.b	End of Year Balance p277.19.k	End of Year for Est. Average for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
A&G Expenses-PA-Norm	-	(5)	(3)			(3)			Accounting change relating to A&G expense
Charitable Contribution State & Local RTA	2,618	2,517	2,568		2,568				Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
CIAC-Fed-Norm-Reversal-CWIP	1,892,595	1,892,595	1,892,595			1,892,595			Taxable CIAC
CIAC-MD-Norm	(72,234)	(74,796)	(73,515)			(73,515)			Taxable CIAC
CIAC-MD-Norm-Reversal-CWIP	21,815	21,816	21,816			21,816			Taxable CIAC
CIAC-PA-Norm-Reversal-CWIP	121,734	121,734	121,734			121,734			Taxable CIAC
CIAC-VA-Norm-Reversal-CWIP	14,553	14,553	14,553			14,553			Taxable CIAC
CIAC-WV-Norm-Reversal-CWIP	135,498	135,498	135,498			135,498			Taxable CIAC
Deferred Charge-EIB	62,188	14,275	38,232					38,232	Allocated portion of total liabilities relating to captive insurance
FASB 109 Gross-Up	24,468,684	26,836,357	25,652,521			25,652,521			Reclass of the tax portion (gross-up) for property items included in account 283 associated with the FE/AYE merger
FIN 48 - R&D Credit	70,749	88,167	79,458		79,458				See note in #190 for General Business Tax Credit
PAA - LT Regulatory Asset Amort	1,070,112	1,023,267	1,046,690		1,046,690				Reflects the adjustments and subsequent amortization of adjusted debt balances associated with the FE/AYE merger
Pensions Expense	90,055	11,041	50,548			50,548			Estimate based on December Reopen 1/14/2022. Will most likely reverse with2021 Federal RTA process in Q3 2022.
PJM Receivable	23,261,809	33,510,685	28,386,247		17,438,478	10,947,769			Comparison of actual to forecast revenues - non-property related
Post Retirement Benefits SFAS 106 Accrual	8,117	-	4,059			4,059			Estimate based on December Reopen 1/14/2022. Will most likely reverse with2021 Federal RTA process in Q3 2022.
SCO1 Timing Allocation	258,378	256,143	257,261			257,261			Timing differences related to service company allocations
Tax Interest Capitalized-Fed-Norm-Reversal-CWIP	32,576,354	33,701,408	33,138,881			33,138,881			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm-Reversal-CWIP	314,226	332,673	323,450			323,450			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm-Reversal-CWIP	1,059,701	1,183,970	1,121,836			1,121,836			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Reversal-CWIP	336,051	352,395	344,223			344,223			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm-Reversal-CWIP	2,596,271	2,763,439	2,679,855			2,679,855			Actual amount of tax interest capitalized
Valuation Allowance NOL WV	18,499,318	18,690,314	18,594,816			18,594,816			Valuation allowances recorded against state NOL carryforwards not expected to be rea
Subtotal	106,788,592	120,878,046	113,833,319		18,567,193	95,266,126			
Less FASB 109 included above	24,468,684	26,836,357	25,652,521			25,652,521			
Less FASB 106 included above	8,117		4,059			4,059			
Total	82,311,791	94,041,689	88,176,740		18,567,193	69,609,547			
FAS 109 EDIT		(41,378,394)							
FAS 109 Other		68,214,751							

Instructions for Account 283:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.
- FAS109 related to Excess/Deficient ADIT ("EDIT"). Sum of Accounts 282 and 283 less Account 190 will sum to Attachment 1.1 total. Other FAS109 does not include EDIT.

Trans-Allegheny Interstate Line Company

Attachment H-18A, Attachment I.1

Attachment 1.1 - Excess & Deficient ADIT

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For the 12 months ended 12/31/

COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H	COLUMN I	COLUMN J	COLUMN K	COLUMN L	
Line No.	Vintage (Note A)	Description	(Excess)/Deficient ADIT Transmission Remeasured Balance as of 12/31/XX (Attachment 1.2 Col. J)	(Excess)/Deficient ADIT Transmission - Beg Balance of Year (Note C)	Current Period Other Activity (Note D)	Amortization Period (Note E)	Years Remaining at Year End	Amortization (Note F)	(Excess)/Deficient ADIT Transmission - Ending Balance of Year (Note G) (Col. D + Col. E) - Col. H	Protected / Unprotected	Regulatory Asset (Account 182.3) or Regulatory Liability (Account 254)	Amortized to Account 410.1 or Account 411.1
Non-property (Note B):												
Account 190												
1d	2017 TCJA	Federal Long Term		51,407,605		20	15	3,212,975	48,194,630	Protected	Asset (182.3)	410.1
	2017 TCJA	Federal Long Term		500,752		20	15	31,297	469,455	Unprotected	Asset (182.3)	410.1
1g	2017 TCJA	NOL Deferred Tax Asset - LT PA		(613,950)		20	15	(38,372)	(575,578)	Unprotected	Liability (182.3)	410.1
1h	2017 TCJA	NOL Deferred Tax Asset - LT WV		(3,055,935)		20	15	(190,996)	(2,864,939)	Unprotected	Liability (182.3)	410.1
1i	2017 TCJA	Pension/OPEB - Other Def Cr. or Dr.		635,490		41	36	17,175	618,315	Unprotected	Asset (182.3)	410.1
1j	2017 TCJA	Purch Acct-LTD FMV		237,864		10	5	39,644	198,220	Unprotected	Asset (182.3)	410.1
Account 282												
2a												
Account 283												
3b	2017 TCJA	PAA - LT Regulatory Asset Amort		(237,864)		10	5	(39,644)	(198,220)	Unprotected	Liability (182.3)	410.1
3e	2017 TCJA	Valuation Allowance NOL WV		3,055,935		20	15	190,996	2,864,939	Unprotected	Asset (182.3)	410.1
Non-property gross up for Taxes												
4				19,296,857	(228,281)			1,183,508	17,885,067			
5	2017 TCJA	Total Non-Property	-	71,226,755	(228,281)			4,406,583	66,591,890			
Property (Note B):												
6	2017 TCJA	Property Book-Tax Timing Difference - Account 190				ARAM	ARAM		-	Protected	Asset	410.1
7	2017 TCJA	Property Book-Tax Timing Difference - Account 190		(16,286,978)	(170,000)	ARAM	ARAM	(25,737)	(16,431,241)	Unprotected	Liability	411.1
8	2017 TCJA	Property Book-Tax Timing Difference - Account 190				ARAM	ARAM		-	Protected	Liability	411.1
9	2017 TCJA	Property Book-Tax Timing Difference - Account 190		26,735,398	670,965	ARAM	ARAM	242,441	27,163,922	Unprotected	Asset	410.1
10	2017 TCJA	Property Book-Tax Timing Difference - Account 282		15,386,953	1,639,595	ARAM	ARAM	279,659	16,746,889	Protected	Asset	410.1
11	2017 TCJA	Property Book-Tax Timing Difference - Account 282		(7,608,237)	(1,162,192)	ARAM	ARAM	(142,868)	(8,627,561)	Unprotected	Liability	411.1
12	2017 TCJA	Property Book-Tax Timing Difference - Account 282		(200,511,143)	(12,930,108)	ARAM	ARAM	(2,318,743)	(211,122,509)	Protected	Liability	411.1
13	2017 TCJA	Property Book-Tax Timing Difference - Account 282		14,692,454	11,531,920	ARAM	ARAM	253,757	25,970,616	Unprotected	Asset	410.1
14	2017 TCJA	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Protected	Asset	410.1
15	2017 TCJA	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Unprotected	Liability	411.1
16	2017 TCJA	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Protected	Liability	411.1
17	2017 TCJA	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Unprotected	Asset	410.1
18	2017 TCJA	Property Gross up for Taxes		(62,276,089)	(147,861)	ARAM	ARAM	(635,935)	(61,788,015)	Protected, Unprotected	Liability	411.1
19	2017 TCJA	Total Property (Total of lines 6 thru 18)	-	(229,867,644)	(567,681)			(2,347,425)	(228,087,899)			

Attachment H-18A, Attachment I.1

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For the 12 months ended 12/31/

Line No.	COLUMN A Vintage (Note A)	COLUMN B Description	COLUMN C (Excess)/Deficient ADIT Transmission Remeasured Balance as of 12/31/XX (Attachment 1.2 Col. J)	COLUMN D (Excess)/Deficient ADIT Transmission - Beg Balance of Year (Note C)	COLUMN E Current Period Other Activity (Note D)	COLUMN F Amortization Period (Note E)	COLUMN G Years Remaining at Year End	COLUMN H Amortization (Note F)	COLUMN I (Excess)/Deficient ADIT Transmission - Ending Balance of Year (Note G) (Col. D + Col. E) - Col. H	COLUMN J Protected / Unprotected	COLUMN K Regulatory Asset (Account 182.3) or Regulatory Liability (Account 254)	COLUMN L Amortized to Account 410.1 or Account 411.1
Non-property (Note B):												
20		Account 190										
20a												
21		Account 282										
21a												
22		Account 283										
22a	2023	Deferred Charge-EIB	(123)			2	2	-	(123)	Unprotected	Liability (182.3)	
22b	2023	SC01 Timing Allocation	(2,211)			2	2	-	(2,211)	Unprotected	Liability (182.3)	
23	2023	Non-property gross up for Taxes	(857)						(857)			
24		Total Non-Property	(3,191)						(3,191)			
Property (Note B):												
25	2023	Property Book-Tax Timing Difference - Account 190				ARAM	ARAM		-	Protected	Asset	410.1
26	2023	Property Book-Tax Timing Difference - Account 190	(242,773)			ARAM	ARAM		(242,773)	Unprotected	Liability	411.1
27	2023	Property Book-Tax Timing Difference - Account 190				ARAM	ARAM		-	Protected	Liability	411.1
28	2023	Property Book-Tax Timing Difference - Account 190	449,024			ARAM	ARAM		449,024	Unprotected	Asset	410.1
29	2023	Property Book-Tax Timing Difference - Account 282				ARAM	ARAM		-	Protected	Asset	410.1
30	2023	Property Book-Tax Timing Difference - Account 282	(191,875)			ARAM	ARAM		(191,875)	Unprotected	Liability	411.1
31	2023	Property Book-Tax Timing Difference - Account 282	(2,896,432)			ARAM	ARAM		(2,896,432)	Protected	Liability	411.1
32	2023	Property Book-Tax Timing Difference - Account 282	534,767			ARAM	ARAM		534,767	Unprotected	Asset	410.1
33	2023	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Protected	Asset	410.1
34	2023	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Unprotected	Liability	411.1
35	2023	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Protected	Liability	411.1
36	2023	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Unprotected	Asset	410.1
37	2023	Property Gross up for Taxes	(138,974)			ARAM	ARAM		(138,974)			
38	2023	Total Property (Total of lines 25 thru 37)	(2,486,263)						(2,486,263)			

39	Deferral of Amortized Excess/Deficient ADITs (Note H)	(13,121,130)	
40	Total Non-Property & Property Amortization, including gross up for taxes (Total of lines 5, 19, 24, 38, 39)	(11,061,972)	
41	Total 20XX FAS109 (Total of lines 5, 19, 24, 38) (Note I)		(163,985,464)
42	Total 20XX FAS109 (Attachment 1) (Note I)		(163,985,464)

Notes:

- A
- B Excess/deficient ADIT will be tracked separately for each federal or state tax rate change, to be identified by the appropriate vintage in column A. TRAILCo will modify Attachment 1.2 to add an additional page for each additional vintage without pursuing a Federal Power Act Section 205 filing. Upon a tax rate change (federal or state), the Company remeasures its deferred tax assets and liabilities to account for the new applicable corporate tax rate. For schedule M items not directly taken to the P&L, the result of this remeasurement is a change to the net deferred tax assets/liabilities recorded in accounts 190, 282, and 283 with a corresponding change in regulatory assets (account 182.3) and regulatory liabilities (account 254) to reflect the return of/collection from excess/deficient deferred taxes to/from customers. The remeasurement is effectuated within PowerTax and Tax Provision, which maintain both the timing difference and APB11 deferred tax balance (the historical ADIT based on the timing difference and the rate in effect when the timing difference occurred). The difference in the two results is reclassified from ADIT to regulatory assets/liabilities for deficient/excess ADIT. Within the FERC Form 1, deficient and excess ADITs in Account 182.3 and Account 254, respectively are presented grossed-up for tax purposes. For ratemaking purposes, these grossed-up balances are treated as FAS109 and subsequently removed from rate base, thereby ensuring rate base neutrality for tax rate changes. The Company would follow the process described above to remeasure ADIT balances (increase or decrease) due to any future federal or state income tax rate change.
- C Beginning balance of year is the end of the prior year balance as reflected on FERC Form No. 1, pages 232 (Account 182.3) and 278 (Account 254)
- D In the event the Company populates the data enterable fields, it will support the data entered as just and reasonable in its annual update
- E The amortization periods shall be consistent with the following:
Protected Property & Non-Protected Property: ARAM, or directly assigned based on average remaining life of assets for property items not in PowerTax
Protected Non-Property & Non-Protected Non-Property will be directly assigned and presented in the table above
- F The amortization will occur through FERC income statement Accounts 410.1. and 411.1
- G Ending balance of year is the end of current year balance, as reflected on FERC Form No. 1, pages 232 (Account 182.3) and 278 (Account 254)
- H Reflects the net amount of amortization, including gross-up for taxes, from prior period(s) that was booked for GAAP, but deferred for FERC purposes because a mechanism did not exist to pass back/collect excess/deficient ADITs to/from customers. The net amortized deferral amount, including the gross-up for taxes, is in Account 254, as reflected on FERC Form No. 1, page 278 or Account 182.3, as reflected on FERC Form No. 1, page 232.
- I Included to demonstrate rate base neutrality. Ties back to FERC Form No. 1 page 232 (Account 182.3) plus page 278 (Account 254).

Line No.	Vintage (Note A)	M Item	COLUMN C		COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H	COLUMN I	COLUMN J	COLUMN K	COLUMN L
			12/31/2022 ADIT Balance (Prior to 2023 PA State Tax)	12/31/2022 ADIT Balance (After 2023 PA State Tax)	Change in ADIT due to 2023 PA State Tax	ADIT Offset to P&L (Note B)	(Excess) Deficient Deferred Income Taxes (Notes B & C)	(Excess) Deficient Deferred Income Tax Activity post tax remeasurement	2022 Return-to-Accrual Adjustment (Recorded in 2023)	(Excess)/Deficient ADIT Transmission Remeasured Balance (= Col. G + Col. H + Col. I)	Protected / Unprotected	Regulatory Asset (Account 182.3) or Regulatory Liability (Account 254) as of 12/31/22	
Deferred Tax Asset (Liability) (Note B)													
Non-Property Related Items:													
190 Accounts													
1a	2023	Charitable Contribution Carryforward	1994.88	1977.8	-17.08	17.08	0	0	0	0	0	N/A	
1b	2023	Charitable Contribution State & Local RTA	-2616.81	-2517.18	99.63	-99.63	0	0	0	0	0	N/A	
1c	2023	Deferral Amortization of Excess Def Income Taxes	2831265.64	2807035.83	-24229.81	24229.81	0	0	0	0	0	N/A	
1d	2023	Merger Costs: D&O Insurance	349.18	346.18	-3	3	0	0	0	0	0	N/A	
1e	2023	Merger Costs: Licenses	16111.8	15973.92	-137.88	137.88	0	0	0	0	0	N/A	
1f	2023	Other Reg Liability Misc	419176.61	415589.32	-3587.29	3587.29	0	0	0	0	0	N/A	
1g	2023	Pensions Expense	-11136.52	-11041.22	95.3	-95.3	0	0	0	0	0	N/A	
1h	2023	Post Retirement Benefits SFAS 106 Accrual	3390.66	3361.64	-29.02	29.02	0	0	0	0	0	N/A	
1i	2023	Purch Acct-LTD FMV	832168.89	825047.23	-7121.66	7121.66	0	0	0	0	0	N/A	
2		Total For 190 Accounts:	4,090,704	4,055,774	(34,931)	34,931							
282 Accounts													
3a													
4		Total For 282 Accounts:	-	-	-	-	-	-	-	-	-	-	-
283 Accounts													
5a	2023	Accum Prov For Inj and Damage-Gen Liability	135,448	134,289	(1,159)	1,159	-	-	-	-	-	N/A	
5b	2023	Deferred Charge-EIB	(14,398)	(14,275)	123	-	(123)	-	-	-	(123)	Unprotected	182
5c	2023	PAA - LT Regulatory Asset Amort	(832,169)	(825,047)	7,122	(7,122)	-	-	-	-	-	N/A	
5d	2023	Pension EDCP-SERP Payments	833	826	(7)	7	-	-	-	-	-	N/A	
5e	2023	PJM Receivable	(33,130,010)	(32,846,486)	283,525	(283,525)	-	-	-	-	-	N/A	
5f	2023	SC01 Timing Allocation	(258,354)	(256,143)	2,211	-	(2,211)	-	-	-	(2,211)	Unprotected	182
6		Total For 283 Accounts:	(34,098,650)	(33,806,835)	291,814	(289,480)	(2,334)	-	-	-	(2,334)		
Total Non-Property Related Items:													
7		Net (Excess) Deficient Deferred Income Taxes (excluding Gross-up)						(2,334)	-	-	(2,334)		
8		Net Tax Gross-up						(857)			(857)		
9		Net (Excess) Deficient Deferred Income Taxes (including Gross-up)						(3,191)			(3,191)		
Property Related Items:													
190 Accounts													
10a	2023	CIAC-PA-Norm	82,520	74,259	(8,260)	-	8,260	-	-	-	8,260	Unprotected	254
10b	2023	CIAC-PA-Norm-Incurred-CWIP	125,234	112,698	(12,536)	-	12,536	-	-	-	12,536	Unprotected	254
10c	2023	CIAC-PA-Norm-Reversal-CWIP	(125,235)	(112,699)	12,536	-	(12,536)	-	-	-	(12,536)	Unprotected	254
10d	2023	Tax Interest Capitalized-PA-Norm	1,961,029	1,764,729	(196,300)	-	196,300	-	-	-	196,300	Unprotected	254
10e	2023	Tax Interest Capitalized-PA-Norm-Incurred-CWIP	2,316,955	2,085,027	(231,928)	-	231,928	-	-	-	231,928	Unprotected	254
10f	2023	Tax Interest Capitalized-PA-Norm-Reversal-CWIP	(2,300,062)	(2,069,825)	230,237	-	(230,237)	-	-	-	(230,237)	Unprotected	254
11		Total For 190 Accounts:	2,060,440	1,854,189	(206,251)	-	206,251	-	-	-	206,251		
282 Accounts													
12a	2023	A&G Expenses-PA-Norm	(993,339)	(893,905)	99,434	-	(99,434)	-	-	-	(99,434)	Unprotected	254
12b	2023	Accelerated Tax Depr-PA-Norm	(28,935,261)	(26,038,829)	2,896,432	-	(2,896,432)	-	-	-	(2,896,432)	Protected	254
12c	2023	AFUDC Debt-PA-Norm	(279,839)	(251,827)	28,012	-	(28,012)	-	-	-	(28,012)	Unprotected	254
12d	2023	AFUDC Debt-PA-Norm-Incurred-CWIP	(336,787)	(303,075)	33,713	-	(33,713)	-	-	-	(33,713)	Unprotected	254
12e	2023	AFUDC Debt-PA-Norm-Reversal-CWIP	329,965	296,935	(33,030)	-	33,030	-	-	-	33,030	Unprotected	254
12f	2023	AFUDC Equity/FAS 43-PA-FT	(900,286)	(810,167)	90,119	-	(90,119)	90,119	-	-	-	N/A	
12g	2023	AFUDC Equity/FAS 43-PA-FT-Incurred-CWIP	(1,100,493)	(990,334)	110,160	-	(110,160)	110,160	-	-	-	N/A	
12h	2023	AFUDC Equity/FAS 43-PA-FT-Reversal-CWIP	1,073,539	966,077	(107,462)	-	107,462	(107,462)	-	-	-	N/A	
12i	2023	Cap Vertical Tree Trimming-PA-Norm	(9,450)	(8,504)	946	-	(946)	-	-	-	(946)	Unprotected	254
12j	2023	Cost of Removal-PA-Norm	2,467,178	2,220,212	(246,966)	-	246,966	-	-	-	246,966	Unprotected	254
12k	2023	Other Basis Differences-PA-Norm	2,473,543	2,225,940	(247,603)	-	247,603	-	-	-	247,603	Unprotected	254
12l	2023	R&D Cost-PA-Norm	(22,628)	(20,363)	2,265	-	(2,265)	-	-	-	(2,265)	Unprotected	254
12m	2023	Step Up-PA-Norm	1,282	1,153	(128)	-	128	-	-	-	128	Unprotected	254
12n	2023	Tax Depreciation Adjustment - PA	(605)	(605)	-	-	-	-	-	-	-	Unprotected	254
12o	2023	Tax UoP Repair Exp-PA-Norm	(215,159)	(193,621)	21,537	-	(21,537)	-	-	-	(21,537)	Unprotected	254
12p	2023	Tax UoP Repair Exp-PA-Norm-Incurred-CWIP	(59,622)	(53,654)	5,968	-	(5,968)	-	-	-	(5,968)	Unprotected	254
12q	2023	Tax UoP Repair Exp-PA-Norm-Reversal-CWIP	70,335	63,295	(7,041)	-	7,041	-	-	-	7,041	Unprotected	254
13		Total For 282 Accounts:	(26,437,628)	(23,791,271)	2,646,357	-	(2,646,357)	92,817	-	-	(2,553,540)		
Total Property Related Items:													
14		Net (Excess) Deficient Deferred Income Taxes (excluding Gross-up)						(2,440,106)	92,817	-	(2,347,289)		
15		Net Tax Gross-up						(144,470)	5,495	-	(138,975)		
16		Net (Excess) Deficient Deferred Income Taxes (including Gross-up)						(2,584,576)	98,312		(2,486,264)		
Total Property and Non-property Related Items:													
17		Net (Excess) Deficient Deferred Income Taxes (excluding Gross-up)						(2,442,441)	92,817	-	(2,349,623)		
18		Net Tax Gross-up						(145,327)	5,495	-	(139,832)		
19		Net (Excess) Deficient Deferred Income Taxes (including Gross-up)						(2,587,768)	98,312		(2,489,455)		

Notes:

- A Excess/deficient ADIT will be tracked separately for each federal or state tax rate change, to be identified by the appropriate vintage in column A. TrAILCo will modify Attachment 1.2 to add an additional page for each additional vintage without pursuing a Federal Power Act Section 205 filing.
- B Upon a tax rate change (federal or state), the Company remeasures its deferred tax assets and liabilities to the new applicable corporate tax rate. For schedule M items not directly taken to the P&L, the result of this remeasurement is a change to the net deferred tax assets/liabilities recorded in accounts 190, 282, and 283 with a corresponding change in regulatory assets (account 182.3) and regulatory liabilities (account 254) to reflect the return of/collection from excess/deficient deferred taxes to/from customers. The remeasurement is effectuated within PowerTax and Tax Provision, which maintain both the timing difference and APB11 deferred tax balance (the historical ADIT based on the timing difference and the rate in effect when the timing difference occurred). The difference in the two results is reclassified from ADIT to regulatory assets/liabilities for deficient/excess ADIT. Within the FERC Form 1, deficient and excess ADITs in Account 182.3 and Account 254, respectively are presented grossed-up for tax purposes. For ratemaking purposes, these grossed-up balances are treated as FAS109 and subsequently removed from rate base, thereby ensuring rate base neutrality for tax rate changes. The Company would follow the process described above to remeasure ADIT balances (increase or decrease) due to any future federal or state income tax rate change.
- C Reflects the end of 2017 balance, as reflected on FERC Form No. 1, pages 232 (Account 182.3) and 278 (Account 254)

Trans-Allegheny Interstate Line Company
Attachment 2 - Taxes Other Than Income Worksheet

Other Taxes	FERC Form No.1 page, line & Col	Amount	Allocator	Allocated Amount	
Plant Related		Gross Plant Allocator			
1.1	2021 State Property WV	p263.31(l)	5,220,395	100.0000%	\$ 5,220,395
1.2	2022 State Property WV	p263.32(l)	5,755,420	100.0000%	5,755,420
1.3	2021 State Property PA (Public Utility Realty)	p263.17(l)	39,628	100.0000%	39,628
1.4	2021 Local Property MD	p263.8(l)	759,766	100.0000%	759,766
1.5	2022 Local Property MD	p263.9(l)	799,420	100.0000%	\$ 799,420
1.6	2021 Local Property WV	p263.15(l)	4,082	100.0000%	4,082
1.7	2022 Local Property WV	p263.7(l)	4,116	100.0000%	4,116
1.8	2022 Local Property VA	p263.11(l)	1,405,966	100.0000%	1,405,966
1.9	2022 Local Property PA	p263.10(l)	4,157	100.0000%	4,157
					0
3	Total Plant Related		<u>13,992,950</u>		<u>13,992,950</u>
Labor Related		Wages & Salary Allocator			
4	Accrued Federal FICA	p263.39(l)	52,858		
5	MD Filing Fee	p263.12			
6	Federal - Excise	p263.28(l)	1,881		
7	Federal - Other	p263.28(l)			
8	Total Labor Related		<u>54,739</u>	100.0%	<u>54,739</u>
Other Included		Gross Plant Allocator			
9	State Sales/Use Tax PA	p263.18(i)			0
10					0
11					0
12	Total Other Included		<u>0</u>		<u>0</u>
13	Total Included (Lines 4 + 9 + 13)		<u>14,047,689</u>		<u><u>14,047,689</u></u> Input to Appendix A, Line 82
Retail Related Other Taxes to be Excluded					
14	Federal Income Tax	p263.22(l)	29,609,554		
15	Corporate Net Income Tax MD	p263.23(l)	89,439		
16	Corporate Net Income Tax PA	p263.24(l)	2,406,177		
17	Corporate Net Income Tax VA	p263.25(l)	54,902		
18	Corporate Net Income Tax WV	p263.26(l)	4,424,502		
19	Subtotal, Excluded		<u>36,584,574</u>		
20	Total, Included and Excluded (Line 14 + Line 20)		<u>50,632,263</u>		
21	Total Other Taxes from p114.14.c		<u>14,047,689</u>		
22	Difference (Line 20 - Line 21)		<u>36,584,574</u>		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Gross Plant Allocator. If the taxes are 100% recovered at retail they shall not be included.
- B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail they shall not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the Gross Plant Allocator; provided, however, that overheads shall be treated as in footnote B above.
- E Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

Trans-Allegheny Interstate Line Company

Attachment 3 - Revenue Credit Workpaper

		Amount	FERC Form No.1 page, line & Col
Account 454 - Rent from Electric Property			
1	Rent from Electric Property - Transmission Related (Note 3)	-	Page 300 Line: 19 Column: b
2	Total Rent Revenues (Line 1)	-	
Account 456 - Other Electric Revenues (Note 1)			
3	Schedule 1A	-	
4	Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (difference between NITS credits from PJM and PJM NITS charges paid by Transmission Owner) (Note 4)	-	p328-330 Footnote Data Schedule Page: 328 Line: 1 Column: m
5	Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner	3,480,831	
6	PJM Transitional Revenue Neutrality (Note 1)	-	
7	PJM Transitional Market Expansion (Note 1)	-	
8	Professional Services (Note 3)	-	
9	Revenues from Directly Assigned Transmission Facility Charges (Note 2)	-	
10	Rent or Attachment Fees associated with Transmission Facilities (Note 3)	-	
11	Gross Revenue Credits (Sum Lines 2-10)	3,480,831	
12	Less line 14g	-	
13	Total Revenue Credits (Line 11 - Line 12)	<u>3,480,831</u>	Input to Appendix A, Line 131
Revenue Adjustment to determine Revenue Credit			
14a	Revenues associated with lines 14b-g are to be included in lines 2-10 and total of those revenues entered here	-	
14b	Costs associated with revenues in line 14a	-	
14c	Net Revenues (14a - 14b)	-	
14d	50% Share of Net Revenues (14c / 2)	-	
14e	Costs associated with revenues in line 14a that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.	-	
14f	Net Revenue Credit (14d + 14e)	-	
14g	Line 14a less line 14f	-	
15	Amount offset in line 4 above	-	
16	Total Account 454 and 456	3,480,831	
17	Note 1: All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on line 178 of Appendix A.		
18	Note 2: If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.		
19	Note 3: Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). Company will retain 50% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC ¶ 61,314. Note: in order to use lines 14a - 14g, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).		
20	Note 4: If the facilities associated with the revenues are not included in the formula, the revenue is shown here, but not included in the total above and explained in the Cost Support. For example revenues associated with distribution facilities. In addition Revenues from Schedule 12 of the PJM OATT are not included in the total above to the extent they are credited under Schedule 12 of the PJM OATT.		

Attachment 4 - Calculation with Incentive ROE

A	Return and Taxes at High End of the range of Reasonableness			
	Return and Taxes at High End of the range of Reasonableness	(Sum Lines 26 and 33 from below)	163,483,064	Input to Appendix A, Line 140
B	Difference between Base ROE and Incentive ROE		100	

Return Calculation

		Source Reference	
1	Rate Base	Appendix A, Line 46	1,447,852,869
2	Preferred Dividends	enter positive Appendix A, Line 84	0
	Common Stock		
3	Proprietary Capital	Appendix A, Line 85	955,421,227
4	Less Accumulated Other Comprehensive Income Account 219	Appendix A, Line 86	0
5	Less Preferred Stock	Appendix A, Line 87	0
6	Less Account 216.1	Appendix A, Line 88	0
7	Common Stock	Appendix A, Line 89	955,421,227
	Capitalization		
8	Long Term Debt	Appendix A, Line 90	624,903,453
9	Less Unamortized Loss on Reacquired Debt	Appendix A, Line 91	0
10	Plus Unamortized Gain on Reacquired Debt	Appendix A, Line 92	0
11	Less ADIT associated with Gain or Loss	Appendix A, Line 93	0
12	Total Long Term Debt	Appendix A, Line 94	624,903,453
13	Preferred Stock	Appendix A, Line 95	0
14	Common Stock	Appendix A, Line 96	955,421,227
15	Total Capitalization	Appendix A, Line 97	1,580,324,680
16	Debt %	Total Long Term Debt Appendix A, Line 98	39.5427%
17	Preferred %	Preferred Stock Appendix A, Line 99	0.0000%
18	Common %	Common Stock Appendix A, Line 100	60.4573%
19	Debt Cost	Total Long Term Debt Appendix A, Line 101	0.0394
20	Preferred Cost	Preferred Stock Appendix A, Line 102	0.0000
21	Common Cost	Common Stock	12.70% 0.1270
22	Weighted Cost of Debt	Total Long Term Debt (WCLTD) (Line 16 * 19)	0.0156
23	Weighted Cost of Preferred	Preferred Stock (Line 17 * 20)	0.0000
24	Weighted Cost of Common	Common Stock (Line 18 * 21)	0.0768
25	Rate of Return on Rate Base (ROR)	(Sum Lines 22 to 24)	0.0924
26	Investment Return = Rate Base * Rate of Return	(Line 1 * Line 25)	133,724,520

Composite Income Taxes

	Income Tax Rates		
27	FIT=Federal Income Tax Rate	Appendix A, Line 109	21.00%
28	SIT=State Income Tax Rate or Composite	Appendix A, Line 110	7.41%
29	p = percent of federal income tax deductible for state purposes	Appendix A, Line 111	0.00%
30	T	Appendix A, Line 112	26.86%
31	T/(1-T)	Appendix A, Line 113	36.72%
32	Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	40,820,516
32a	(Excess)/Deficient Deferred Income Taxes	Appendix A, Line 114a	-11,061,972
33	Total Income Taxes	(Line 32 + Line 32a)	29,758,544

Trans-Allegheny Interstate Line Company

Attachment 5 - Cost Support

Plant in Service Worksheet		Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		13 Month Balance for Reconciliation	EOY Balance for Estimate													
Calculation of Transmission Plant in Service				Total	Total	Black Oak	Wylie Ridge	502 Junction - Terrestrial Line	Peter SS	Osgoithalby	Meadowbrook Transformer	North Shenandoah Transformer	Bedington Transformer	Meadowbrook Capacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	Doubs #4 Trans
December	p206.58.b	For 2021		2,208,555,632		49,493,758	17,751,593	1,071,688,971	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
January	company records	For 2022		2,208,584,027		49,485,661	17,751,518	1,071,687,517	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
February	company records	For 2022		2,211,140,990		49,490,037	17,751,639	1,071,689,865	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
March	company records	For 2022		2,211,953,444		49,491,958	17,751,578	1,071,688,691	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
April	company records	For 2022		2,211,104,701		51,019,657	17,751,578	1,070,300,572	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
May	company records	For 2022		2,210,219,462		51,048,231	17,751,578	1,070,300,572	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
June	company records	For 2022		2,210,452,111		50,991,415	17,751,578	1,070,330,411	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
July	company records	For 2022		2,217,344,761		51,752,762	17,751,578	1,070,375,564	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
August	company records	For 2022		2,212,904,792		51,198,218	17,751,578	1,070,328,960	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,183,241	4,720,023	5,691,588
September	company records	For 2022		2,218,227,663		51,236,177	18,929,853	1,071,198,020	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,183,241	4,720,023	5,691,588
October	company records	For 2022		2,217,987,314		51,280,195	18,947,861	1,071,141,170	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,183,241	4,720,023	5,691,588
November	company records	For 2022		2,222,403,802		51,281,186	18,948,905	1,071,236,065	2,129,108	24,597,506	8,206,718	1,923,902	8,594,398	6,486,620	39,616,235	5,184,331	4,721,113	5,691,588
December	p207.58.g	For 2022		2,225,427,008	2,225,427,008	51,282,479	18,948,782	1,072,783,010	2,129,108	24,597,504	8,206,718	1,923,902	8,639,466	6,486,620	39,616,235	5,194,241	4,721,024	5,691,588
15	Transmission Plant in Service			2,214,331,211	2,225,427,008	50,696,287	18,118,424	1,071,134,568	2,129,108	24,582,847	8,206,718	1,923,902	7,860,983	6,486,620	39,616,235	5,162,497	4,699,279	5,691,588

Details																	
Cabot SS	Armstrong	Farmers Valley Capacitor	Harvey Run Capacitor	Doubs SS	Meadowbrook SS	Grandview Capacitor	502 Jct Substation	Conemaugh-Seward	Luxor	Grandpoint & Guilford	Handsome Lake - Homer City	Altoona	Blainsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
7,289,121	15,623,164	2,026,395	832,202	5,021,663	61,544,357	657,191	18,643,135	28,397,235	1,199,446	1,780,893	12,863,994	36,258,505	3,329,830	569,408	44,015,846	4,942,684	438,837
7,288,968	15,623,149	2,025,641	832,202	5,021,611	61,543,479	657,191	19,002,088	28,396,698	1,199,446	1,780,889	12,863,994	36,258,505	3,329,830	569,408	44,015,732	4,942,684	438,837
7,289,214	15,623,174	2,026,859	832,202	5,021,695	61,546,299	657,191	19,582,877	28,397,728	1,199,446	1,780,896	12,863,994	36,258,505	3,329,830	569,408	44,015,587	4,942,684	438,837
7,289,091	15,623,161	2,026,250	832,202	5,021,653	62,231,087	657,191	19,896,731	28,397,213	1,199,446	1,780,893	12,863,994	36,258,505	3,329,830	569,408	44,015,568	4,942,684	438,837
7,289,091	15,623,161	2,026,250	832,202	5,021,653	61,550,292	657,191	19,929,223	28,397,213	1,199,446	1,780,893	12,863,994	36,258,505	3,329,830	569,408	44,016,267	4,942,684	438,837
7,289,091	15,623,161	2,026,250	832,202	5,021,653	61,550,292	657,191	19,786,453	28,397,213	1,199,446	1,780,893	12,863,994	36,258,505	3,329,830	569,408	44,015,933	4,942,684	438,837
7,289,091	15,623,161	2,026,248	832,202	5,021,653	61,581,935	657,191	19,906,197	28,397,210	1,199,446	1,780,892	12,863,994	36,258,505	3,329,830	569,408	44,015,933	4,942,684	438,837
7,289,091	15,623,161	2,026,248	832,202	5,021,653	61,581,935	657,191	20,883,434	28,397,210	1,199,446	1,780,892	12,863,994	36,258,505	3,329,830	569,408	44,017,381	4,942,684	438,837
7,277,786	15,623,161	2,026,248	832,202	5,021,653	61,683,846	657,191	19,605,097	28,397,210	1,199,446	1,780,892	12,863,994	36,258,505	3,329,830	569,408	44,016,821	4,942,684	438,837
8,042,874	15,623,183	2,027,332	832,202	5,021,728	61,655,864	657,191	19,616,719	28,398,127	1,199,446	1,780,899	12,863,994	36,258,505	3,329,830	569,408	44,018,624	4,942,684	438,837
8,115,687	15,622,018	1,973,563	832,202	5,021,505	61,701,811	657,191	19,667,350	28,394,520	1,199,446	1,780,892	12,863,994	36,258,505	3,329,830	569,408	44,019,407	4,942,684	438,837
8,118,981	15,634,349	1,973,563	832,202	5,240,673	62,762,317	657,191	19,671,932	28,394,520	1,199,446	1,780,892	12,863,994	36,258,505	3,329,830	569,408	44,019,710	4,942,684	438,837
8,125,330	15,637,097	2,137,892	832,202	5,368,954	62,806,520	657,191	19,691,193	28,395,093	1,199,446	1,780,897	12,863,994	36,258,505	3,329,830	569,408	44,019,722	4,942,684	438,837
7,537,955	15,625,008	2,026,825	832,202	5,111,365	61,826,156	657,191	19,682,484	28,396,715	1,199,446	1,780,893	12,863,994	36,258,505	3,329,830	569,408	44,017,116	4,942,684	438,837

		Johnstown SS																		Farmers Valley					Total		
		Capacitor																		Substation	Richwood Hill	Damascus SS	Warren Substation	Piercebroke SS	Flint Run Substation		
Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Richwood Hill	Damascus SS	Warren Substation	Piercebroke SS	Flint Run Substation	Total		
7,527,658	60,967,552	9,675,164	891,272	1,434,099	666,401	18,120,588	30,131,231	1,688,040	7,439,284	1,364,594	885,549	18,406,478	2,182,573	36,734,628	31,981,443	1,082,076	901,202	108,289,590	45,917,650	44,814,368	37,643,275	71,607,569	2,034,015	23,108,285	10,043,952	142,445,554.30	2,208,555,632
7,527,658	60,962,945	9,675,164	891,272	1,433,061	665,924	18,107,456	30,109,350	1,686,819	7,433,887	1,363,780	885,549	18,393,180	2,190,989	36,707,954	31,958,211	1,091,284	900,549	108,226,080	45,884,388	44,781,861	37,616,126	71,556,876	2,033,143	23,091,689	10,036,660	142,473,914.03	2,208,584,027
7,527,658	61,040,026	9,675,164	891,272	1,434,737	666,694	18,128,665	30,144,691	1,688,791	7,442,604	1,365,095	885,549	18,414,608	2,183,548	36,751,036	32,005,688	1,092,563	901,604	108,376,010	45,938,110	44,834,364	37,669,975	71,641,042	2,034,552	23,118,494	10,048,437	143,748,835.31	2,211,140,990
7,527,658	61,036,306	9,675,164	891,272	1,433,899	666,309	18,118,061	30,127,020	1,687,805	7,438,245	1,364,438	885,549	18,403,894	2,182,269	36,729,495	31,986,926	1,091,924	901,076	108,320,586	45,911,249	44,808,112	37,638,051	71,600,273	2,033,847	23,105,092	10,042,549	143,847,193.40	2,211,953,444
7,527,658	61,036,306	9,675,164	891,272	1,433,899	666,309	18,118,061	30,127,020	1,687,805	7,438,245	1,364,438	885,549	18,403,894	2,182,269	36,729,495	31,986,926	1,091,924	901,076	108,400,549	45,911,249	44,808,112	37,638,051	71,601,149	2,033,847	23,105,092	10,103,553	143,394,632.17	2,211,104,701
7,527,658	61,036,306	9,675,164	891,272	1,433,899	666,309	18,118,061	30,127,020	1,687,805	7,438,245	1,364,438	885,549	18,403,894	2,182,269	36,729,495	31,986,926	1,091,924	901,076	108,468,445	45,911,249	44,808,112	37,638,051	71,602,025	2,033,847	23,105,092	10,103,553	142,525,170.02	2,210,219,482
7,527,658	61,038,731	9,675,164	891,272	1,433,895	666,307	18,118,122	30,126,941	1,687,800	7,438,226	1,364,435	885,549	18,403,846	2,182,263	36,729,398	31,995,644	1,091,921	901,074	108,505,913	45,911,128	44,807,995	37,639,045	71,602,714	2,033,844	23,105,031	10,102,581	142,584,580.56	2,210,452,111
7,527,658	61,038,731	9,675,164	891,272	1,433,895	666,307	18,118,122	30,126,941	1,687,800	7,438,226	1,364,435	885,549	18,403,846	2,182,263	36,729,398	31,996,219	1,091,921	901,074	108,502,169	45,920,202	44,807,995	37,639,045	71,603,590	2,033,844	23,105,031	10,102,581	147,685,264.57	2,217,344,761
7,527,658	61,072,701	9,675,164	891,272	1,433,895	666,307	18,152,092	30,126,941	1,687,800	7,438,226	1,364,435	885,549	18,406,795	2,182,263	36,729,398	32,036,592	1,091,921	901,074	108,513,964	45,920,202	44,807,995	37,639,045	71,604,466	2,033,844	23,105,031	10,102,581	144,842,871.90	2,212,904,792
7,527,658	61,079,321	9,675,164	891,272	1,435,387	666,993	18,591,618	30,158,383	1,689,555	7,445,982	1,365,605	885,549	18,525,103	2,184,540	36,767,728	32,069,966	1,093,058	902,013	108,653,967	45,967,998	44,854,706	37,678,058	71,679,445	2,035,097	23,128,879	10,113,058	146,258,932.66	2,218,227,683
7,527,658	61,072,701	9,675,164	891,272	1,428,833	656,555	18,532,389	30,126,828	1,681,075	7,431,663	1,358,845	885,549	18,386,183	2,181,842	36,769,889	32,279,500	1,090,089	899,437	108,311,060	45,932,221	44,807,642	37,599,268	71,514,188	2,023,062	22,926,605	10,100,995	146,877,573.32	2,217,987,314
7,550,303	61,234,902	9,675,164	908,251	1,428,833	656,555	18,534,189	30,126,828	1,681,075	7,431,663	1,358,845	885,549	18,393,441	2,181,842	36,770,979	32,437,234	2,225,116	899,437	108,479,894	45,964,038	44,807,642	37,599,268	71,515,064	2,023,062	22,926,605	10,100,995	147,300,421.38	2,222,403,802
7,552,095	61,259,446	9,675,164	1,039,215	1,429,764	656,983	18,546,034	30,145,472	1,682,172	7,436,909	1,359,576	885,549	18,437,199	2,183,264	36,794,937	32,595,241	1,090,900	900,034	108,708,823	45,989,242	44,936,926	37,623,642	71,577,288	2,023,845	22,941,505	10,107,541	148,095,581.93	2,225,427,008
7,531,280	61,067,383	9,675,164	903,882	1,432,931	664,150	18,254,112	30,131,205	1,686,488	7,437,770	1,363,305	885,549	18,414,022	2,182,476	36,744,133	32,101,270	1,178,963	900,824	108,442,696	45,929,071	44,814,287	37,634,685	71,592,744	2,031,527	23,067,110	10,085,310	144,773,194	2,214,331,211

Trans-Allegheny Interstate Line

			Attachment 5 - Cost Supp	
			Link to Appendix A, line 15	Link to Appendix A, line 15
Calculation of Distribution Plant In Service				
	Source			
December	p206.75.b	For 2021	-	-
January	company records	For 2022	-	-
February	company records	For 2022	-	-
March	company records	For 2022	-	-
April	company records	For 2022	-	-
May	company records	For 2022	-	-
June	company records	For 2022	-	-
July	company records	For 2022	-	-
August	company records	For 2022	-	-
September	company records	For 2022	-	-
October	company records	For 2022	-	-
November	company records	For 2022	-	-
December	p207.75.g	For 2022	-	-
Distribution Plant In Service			-	-
Calculation of Intangible Plant In Service				
	Source			
December	p204.5.b	For 2021	47,747,742	-
December	p205.5.g	For 2022	50,700,074	50,700,074
18	Intangible Plant In Service		49,223,908	50,700,074
			Link to Appendix A, line 18	Link to Appendix A, line 18
Calculation of General Plant In Service				
	Source			
December	p206.99.b	For 2021	80,265,575	-
December	p207.99.g	For 2022	81,516,438	81,516,438
18	General Plant In Service		80,891,007	81,516,438
			Link to Appendix A, line 18	Link to Appendix A, line 18
Calculation of Production Plant In Service				
	Source			
December	p204.46b	For 2021	-	-
January	company records	For 2022	-	-
February	company records	For 2022	-	-
March	company records	For 2022	-	-
April	company records	For 2022	-	-
May	company records	For 2022	-	-
June	company records	For 2022	-	-
July	company records	For 2022	-	-
August	company records	For 2022	-	-
September	company records	For 2022	-	-
October	company records	For 2022	-	-
November	company records	For 2022	-	-
December	p205.46.g	For 2022	-	-
Production Plant In Service			-	-
6	Total Plant In Service	Sum of averages above	2,344,446,126	2,357,643,520
			Link to Appendix A, line 6	Link to Appendix A, line 6

Trans-Allegheny Interstate Line Company
 Attachment 5 - Cost Support

Accumulated Depreciation Worksheet				Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions															
				13 Month Balance for Reconciliation	EOY Balance for Estimate														
Calculation of Transmission Accumulated Depreciation						Black Oak	Wylie Ridge	902 Junction - Terrestrial Line	Peter SS	Osage Whiskey	Meadowbrook Transformer	North Shenandoah	Bedington Transformers	Meadowbrook Capacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	Doubs #4 Trans	Cabot SS
December	Prior year FERC Form 1 p219.25.b	For 2021	381,156,452		18,847,557.22	1,406,444	223,241,410	312,181	4,893,295	2,222,717	443,578	2,085,064	1,745,648	10,144,717	1,078,027	854,301	1,641,428	1,442,296	1,442,296
January	company records	For 2022	385,029,154		18,966,823	1,454,759	225,149,257	315,126	4,908,084	2,249,822	446,945	2,098,580	1,757,738	10,214,046	1,085,935	891,213	1,653,892	1,474,838	1,474,838
February	company records	For 2022	388,891,816		19,086,084	1,503,073	227,046,250	318,072	4,955,873	2,280,822	450,312	2,112,097	1,769,828	10,283,374	1,093,842	898,125	1,666,356	1,487,609	1,487,609
March	company records	For 2022	392,761,988		19,205,350	1,551,388	228,949,273	321,017	5,003,662	2,363,380	453,679	2,125,613	1,781,918	10,352,702	1,101,750	905,037	1,678,821	1,500,390	1,500,390
April	company records	For 2022	396,677,367		19,325,955	1,599,702	230,855,769	323,962	5,051,451	2,376,942	457,045	2,139,129	1,794,009	10,422,031	1,109,637	911,949	1,691,295	1,513,151	1,513,151
May	company records	For 2022	400,564,118		19,447,922	1,648,017	232,814,971	326,908	5,099,240	2,390,505	460,412	2,152,645	1,806,099	10,491,359	1,117,565	918,861	1,703,749	1,525,922	1,525,922
June	company records	For 2022	404,437,014		19,569,876	1,696,331	234,721,467	329,853	5,147,029	2,304,067	463,779	2,166,161	1,818,189	10,560,688	1,125,472	925,773	1,716,213	1,538,693	1,538,693
July	company records	For 2022	408,414,380		19,692,435	1,744,645	236,726,776	332,798	5,194,819	2,317,630	467,146	2,179,678	1,830,279	10,630,016	1,133,380	932,695	1,728,677	1,552,372	1,552,372
August	company records	For 2022	409,298,782		19,815,175	1,792,960	238,664,330	335,743	5,242,607	2,331,192	470,513	2,193,194	1,842,369	10,699,344	1,141,287	939,656	1,741,141	1,568,792	1,568,792
September	company records	For 2022	409,977,532		19,937,461	1,842,305	234,371,188	338,689	5,290,395	2,344,755	473,880	2,206,710	1,854,459	10,768,673	1,149,195	946,687	1,753,606	1,583,941	1,583,941
October	company records	For 2022	415,946,345		20,059,746	1,892,694	236,748,472	341,634	5,338,184	2,358,317	477,246	2,220,226	1,866,550	10,838,001	1,157,102	953,715	1,766,070	1,600,534	1,600,534
November	company records	For 2022	419,854,421		20,182,000	1,943,095	240,371,469	344,579	5,385,988	2,371,880	480,613	2,233,742	1,878,640	10,907,330	1,165,010	960,534	1,778,534	1,616,152	1,616,152
December	p219.25.b	For 2022	423,684,841	423,684,841	20,304,254	1,993,408	242,223,220	347,524	5,433,823	2,385,442	483,980	2,247,258	1,890,730	10,976,658	1,172,918	968,964	1,790,988	1,632,371	1,632,371
23	Transmission Accumulated Depreciation		402,745,707	423,684,841	19,572,357	1,697,608	232,917,219	329,853	5,147,035	2,304,071	463,779	2,166,161	1,818,189	10,560,688	1,125,472	925,994	1,716,213	1,517,122	1,517,122

Link to Appendix A, line 23

Link to Appendix A, line 23

Details																
Armstrong	Farmers Valley Capacitor	Harvey Run Capacitor	Doubs SS	Meadowbrook SS	Grandview Capacitor	502 Jct Substation	Conemaugh Seward	Luxor	Grandpoint & Guilford	Handsome Lake - Homer City	Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
1,125,144	2,503,823	156,680	138,168	809,624	9,563,471	114,119	4,714,678	184,879	281,291	2,117,848	5,702,528	525,223	88,425	6,960,809	805,690	68,138
1,135,522	2,531,535	158,321	137,624	818,293	9,669,732	115,270	4,770,017	186,991	284,396	2,140,897	5,765,980	531,050	89,421	7,037,839	814,365	68,906
1,145,900	2,559,248	159,962	139,080	826,963	9,775,994	116,422	4,825,356	189,103	287,502	2,163,945	5,829,433	536,877	90,417	7,114,869	823,040	69,674
1,156,278	2,586,958	161,603	140,537	835,633	9,882,255	117,573	4,880,695	191,216	290,607	2,186,994	5,892,885	542,704	91,414	7,191,898	831,715	70,442
1,166,655	2,614,669	163,244	141,993	844,303	9,988,516	118,724	4,936,035	193,328	293,713	2,210,043	5,956,338	548,532	92,410	7,268,928	840,390	71,210
1,177,033	2,642,381	164,885	143,449	852,973	10,094,777	119,875	4,991,374	195,440	296,818	2,233,091	6,019,790	554,359	93,407	7,345,959	849,065	71,978
1,187,411	2,670,092	166,526	144,906	861,642	10,201,038	121,026	5,046,713	197,552	299,924	2,256,140	6,083,242	560,186	94,403	7,422,989	857,741	72,746
1,197,788	2,697,804	168,167	146,362	870,312	10,307,299	122,177	5,102,052	199,664	303,029	2,279,188	6,146,695	566,013	95,400	7,500,020	865,416	73,514
1,208,166	2,725,515	169,807	147,818	878,982	10,413,561	123,328	5,157,391	201,776	306,135	2,302,237	6,210,147	571,840	96,396	7,577,053	873,091	74,282
1,218,544	2,753,227	171,448	149,275	887,652	10,519,822	124,479	5,212,730	203,888	309,240	2,325,286	6,273,600	577,668	97,393	7,654,086	883,766	75,050
1,228,921	2,780,937	173,089	150,731	896,322	10,625,689	125,631	5,268,036	206,000	312,346	2,348,334	6,337,052	583,495	98,389	7,731,120	892,441	75,818
1,239,299	2,808,657	174,730	152,188	904,992	10,731,556	126,782	5,323,310	208,112	315,451	2,371,382	6,400,504	589,322	99,388	7,808,155	901,115	76,586
1,249,677	2,836,369	176,371	153,644	913,662	10,837,423	127,933	5,378,595	210,224	318,557	2,394,430	6,465,166	595,149	100,382	7,885,189	909,769	77,354
1,187,411	2,670,095	166,526	144,906	861,643	10,200,856	121,026	5,046,690	197,552	299,924	2,256,140	6,083,335	560,186	94,403	7,422,993	857,740	72,746

Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascus SS	Warren Substation	Piercebreek SS	Flint Run Substation	Total
1,059,825	10,335,761	1,350,658	132,909	198,669	85,534	3,057,722	5,668,146	281,977	1,068,100	184,894	74,301	2,926,525	302,843	4,857,298	2,799,985	141,983	118,960	10,247,461	5,765,722	7,531,885	4,480,084	9,217,334	281,920	2,206,600	518,173	290,779	381,156,452
1,072,798	10,468,502	1,366,756	134,469	201,292	86,746	3,098,476	5,742,527	285,654	1,081,699	187,434	75,243	2,973,153	306,759	4,920,189	2,846,868	143,844	120,599	10,421,106	5,866,700	7,641,427	4,555,985	9,365,052	285,562	2,246,144	535,273	101,999,57	385,029,154
1,085,972	10,601,243	1,382,855	136,029	203,915	87,957	3,139,229	5,815,930	289,330	1,095,297	189,873	76,185	3,019,798	310,676	4,983,106	2,893,204	145,706	122,238	10,594,817	5,967,700	7,751,003	4,621,906	9,512,816	289,204	2,285,704	552,381	176,010,93	388,891,816
1,099,145	10,733,985	1,398,953	137,588	206,538	89,168	3,179,983	5,889,362	293,007	1,108,896	192,312	77,127	3,066,385	314,593	5,046,095	2,940,108	147,569	123,877	10,768,596	6,068,729	7,890,623	4,687,852	9,660,639	292,846	2,325,285	569,498	250,942,74	392,761,968
1,112,319	10,866,726	1,415,051	138,148	209,160	91,379	3,220,737	5,962,765	296,684	1,122,494	194,752	78,070	3,112,978	318,510	5,108,972	2,987,807	149,431	125,515	10,942,423	6,169,738	7,970,199	4,753,829	9,808,465	296,487	2,364,845	586,606	325,949,72	396,677,367
1,125,492	10,999,467	1,431,149	140,708	211,783	91,590	3,281,490	6,036,168	300,361	1,136,093	197,191	79,012	3,159,613	322,426	5,171,889	3,033,951	151,293	127,154	11,116,391	6,270,730	8,079,775	4,819,861	9,956,173	300,129	2,404,406	603,713	398,054,79	400,564,118
1,138,665	11,132,208	1,447,247	142,268	214,406	92,801	3,302,244	6,109,571	304,037	1,149,691	199,631	79,954	3,206,258	326,343	5,234,805	3,080,880	153,155	128,793	11,290,461	6,371,730	8,189,351	4,885,893	10,103,943	303,771	2,443,966	620,820	469,024,57	404,437,014
1,151,839	11,264,949	1,463,345	143,827	217,028	94,013	3,342,998	6,182,974	307,714	1,163,290	202,070	80,896	3,252,897	330,260	5,297,721	3,127,817	155,017	130,452	11,464,572	6,472,738	8,298,927	4,951,526	10,251,713	307,413	2,483,526	637,928	544,955,25	408,414,380
1,165,012	11,397,732	1,479,443	145,387	219,651	95,224	3,383,798	6,256,376	311,391	1,176,888	204,510	81,838	3,297,656	334,177	5,369,638	3,175,901	156,878	132,070	11,638,677	6,573,754	8,408,502	5,017,568	10,399,485	311,055	2,523,085	655,035	621,900,62	408,298,782
1,178,186	11,530,557	1,495,541	146,947	223,856	96,435	3,424,877	6,329,830	315,068	1,190,487	206,949	82,781	3,343,744	338,093	5,423,613	3,222,386	158,742	133,709	11,812,893	6,674,821	8,518,155	5,084,037	10,547,361	314,697	2,562,682	672,160	693,880,95	409,977,532
1,191,359	11,663,300	1,511,639	148,506	229,526	97,615	3,465,723	6,452,464	318,681	1,203,823	209,346	83,723	3,389,649	341,936	5,556,378	3,409,062	165,819	135,316	12,182,622	6,823,409	8,651,492	5,284,026	10,991,216	318,288	2,709,264	739,879	766,035,5	415,846,345
1,204,552	11,795,963	1,527,737	150,081	235,082	98,784	3,505,670	6,479,164	322,231	1,216,898	211,700	84,665	3,394,047	345,704	5,653,575	3,315,314	167,896	136,890	12,160,433	6,977,918	8,741,122	5,168,485	10,835,837	321,828	2,813,690	757,449	830,991,4	419,854,421
1,217,767	11,929,626	1,543,835	151,769	240,640	99,913	3,545,619	6,553,113	325,791	1,229,973	214,054	85,607	3,429,099	349,473	5,817,965	3,394,412	169,350	138,464	12,332,933	7,079,547	8,851,534	5,204,943	10,984,624	325,369	2,853,835	775,172	910,943,09	423,684,841
1,138,672	11,132,232	1,447,247	142,280	216,273	92,780	3,302,204	6,121,492	303,994	1,149,510	199,601	79,954	3,197,070	326,292	5,246,630	3,092,074	154,363	128,771	11,305,645	6,383,248	8,207,230	4,888,983	10,125,746	303,736	2,447,926	632,622	471,200	402,745,707

Trans-Allegheny Interstate Line

					Attachment 5 - Cost Supp	
Calculation of Distribution Accumulated Depreciation						
	Source					
December	Prior year FERC Form 1 p219.26.b	For 2021	-			
January	company records	For 2022	-			
February	company records	For 2022	-			
March	company records	For 2022	-			
April	company records	For 2022	-			
May	company records	For 2022	-			
June	company records	For 2022	-			
July	company records	For 2022	-			
August	company records	For 2022	-			
September	company records	For 2022	-			
October	company records	For 2022	-			
November	company records	For 2022	-			
December	p219.26.b	For 2022	-			
Distribution Accumulated Depreciation						
Calculation of Intangible Accumulated Depreciation						
	Source					
December	Prior year FERC Form 1 p200.21.b	For 2021	26,248,266			
December	p200.21b	For 2022	30,797,077		30,797,077	
25	Accumulated Intangible Depreciation		28,522,672		30,797,077	
					Link to Appendix A, line 25	Link to Appendix A, line 25
Calculation of General Accumulated Depreciation						
	Source					
December	Prior year FERC Form 1 p219.28b	For 2021	17,708,871			
December	p219.28.b	For 2022	18,391,136		18,391,136	
24	Accumulated General Depreciation		18,050,004		18,391,136	
					Link to Appendix A, line 24	Link to Appendix A, line 24
Calculation of Production Accumulated Depreciation						
	Source					
December	Prior year FERC Form 1 p219.20.b-24.b	For 2021	-			
January	company records	For 2022	-			
February	company records	For 2022	-			
March	company records	For 2022	-			
April	company records	For 2022	-			
May	company records	For 2022	-			
June	company records	For 2022	-			
July	company records	For 2022	-			
August	company records	For 2022	-			
September	company records	For 2022	-			
October	company records	For 2022	-			
November	company records	For 2022	-			
December	p219.20.b thru 219.24.b	For 2022	-			
Production Accumulated Depreciation						
8	Total Accumulated Depreciation	Sum of averages above	449,318,382		472,873,054	
					Link to Appendix A, line 8	Link to Appendix A, line 8

Trans-Allegheny Interstate Line Company

Attachment 5 - Cost Support

Electric / Non-electric Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Form 1 Amount	Electric Portion	Non-electric Portion	Details
				Beg of year	End of Year (for estimate)	Average of Beginning and Ending Balances	
40	Materials and Supplies			-	-	-	
	Transmission Materials & Supplies	p227.8		-	-	-	
37	Undistributed Stores Expense	p227.16		-	-	-	
	Allocated General Expenses			-	-	-	
51	Plus Property Under Capital Leases	0	p200.4.c	-	-	-	

Transmission / Non-transmission Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Beg of year	End of Year (for estimate)	Average of Beginning and Ending Balances	Details
34	Transmission Related Land Held for Future Use		Total	-	-	-	Enter Details Here
			Non-transmission Related	-	-	-	
			Transmission Related	-	-	-	

CWIP & Expensed Lease Worksheet

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Beg of year	CWIP in Form 1 Amount	Expensed Lease in Form 1 Amount	Details
6	Plant Allocation Factors			2,336,568,949	-	-	
	Electric Plant in Service	(Note B)	Attachment 5				
15	Plant In Service			2,208,555,632	-	-	
	Transmission Plant in Service	(Note B)	Attachment 5				
23	Accumulated Depreciation			381,156,452	-	-	
	Transmission Accumulated Depreciation	(Note B)	Attachment 5				

Pre-Commercial Costs Capitalized

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				EDY for Estimate and BOY for Final	Amortization Amount (Over 4 Years)	Calculated End of Year Balance	Average of Beginning and Ending Balances (for estimate and reconciliation)	Details
35	Unamortized Capitalized Pre-Commercial Costs			\$ -	\$ -	\$ -	\$ -	

EPRI Dues Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Beg of year	EPRI Dues	Details
58	Allocated General & Common Expenses			0	0	Enter Details Here
	Less EPRI Dues	(Note D)	p352 & 353			

Regulatory Expense Related to Transmission Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Form 1 Amount	Transmission Related	Non-transmission Related	Details
62	Directly Assigned A&G			-	-	-	Link to Appendix A, line 62
	Regulatory Commission Exp Account 928	(Note G)	p323.189.b				Enter Details Here

Safety Related Advertising Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Form 1 Amount	Safety Related	Non-safety Related	Details
66	Directly Assigned A&G			-	-	-	Link to Appendix A, line 66
	General Advertising Exp Account 930.1	(Note F)	p323.191.b				Enter Details Here

Trans-Allegheny Interstate Line Company

Attachment 5 - Cost Support

MultiState Workpaper

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions		State 1	State 2	State 3	State 4	State 5	Details
110	Income Tax Rates SIT=State Income Tax Rate or Composite (Note H)	MD 8.25% Composite 7.4149%	WV 6.5% Composite is calculated based on sales, payroll and property for each jurisdiction	PA 9.99%	VA 6.0%		

Education and Out Reach Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Form 1 Amount	Education & Outreach	Other	Details
63	Directly Assigned A&G General Advertising Exp Account 930.1 (Note J) p323.191.b				Enter Details Here

Excluded Plant Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Excluded Transmission Facilities	Description of the Facilities
126	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities Excluded Transmission Facilities Step-Up Facilities (Note L)	Enter \$ Or Enter \$	General Description of the Facilities
Instructions: 1 Remove all investment below 69 kV or generator step up transformers included in transmission plant in service that are not a result of the RTEP Process 2 If unable to determine the investment below 69kV in a substation with investment of 69 kV and higher as well as below 69 kV, the following formula will be used: Example A Total investment in substation 1,000,000 B Identifiable investment in Transmission (provide workpapers) 500,000 C Identifiable investment in Distribution (provide workpapers) 400,000 D Amount to be excluded (A x C / (B + C)) 444,444			
Add more lines if necessary			

Prepayments

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Beg of year	End of Year	Average of Beginning and Ending Balances	Allocation	Transmission Related	Details
36	Prepayments Prepaid Insurance	393,369	776,745	585,057	100%	585,057	
	Prepaid Pensions if not included in Prepayments	-	0	0	100%	0	
	Total Prepayments	393,369	776,745	585,057		585,057	

Detail of Account 566 Miscellaneous Transmission Expenses

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Total	Summary of Pre-Commercial Expenses
70	Amortization Expense on Pre-Commercial Cost	\$ -	
71	Pre-Commercial Expense	-	
72	Miscellaneous Transmission Expense	1,677,962	
	Total Account 566 Miscellaneous Transmission Expenses p.321.97.b	\$ 1,677,962	
			Cost Element Name Labor & Overhead (1) Miscellaneous (2) Outside Services Legal (3) Outside Services Other (4) Outside Services Rates (5) Advertising (6) Travel, Lodging and Meals (7) Total
			(1) Labor & overhead amount includes costs allocated to preparation of the preliminary survey and investigation. (2) Miscellaneous amount includes rental of volunteer fire department facilities for open houses, Fed EX fees for various mailings from Legal, Procurement, Transmission & Finance, fees for various conference calls and PJM application fee. (3) Outside legal services includes the cost for research and preparation of the filing to determine incentive rate availability. (4) Other services other includes fees for website development, media relations services, campaign management, open houses and research services. (5) Outside services rates includes the advice of a rate consultant regarding rate design. (6) Advertising includes newspaper and other media announcements of public scoping meetings related to the proposed project. (7) Travel, lodging and meals are the direct expenses for Allegheny staff to attend the scoping meetings.
149	Net Revenue Requirement Facility Credits under Section 30.9 of the PJM OATT	-	

Trans-Allegheny Interstate Line Company
 Attachment 5 - Cost Support

Depreciation Rates

	Life	Survivor Curve	Net		Accrual Rate (Annual)												
			Salvage	Percent		Black Oak	Wylie Ridge	902 Junction - Terrestrial Line	Meadowbrook Transformer	North Shenandoah	Bedlington Transformer	Meadowbrook Capacitor	Kammer Transformers	Doubs Replacement Transformer #2	Doubs Replacement Transformer #3	Doubs Replacement Transformer #4	
TRANSMISSION PLANT																	
350.2	70	- R4	0		1.43			2,470,712									
352	50	- R3	(10)		2.20	18,648		1,242,932									
	35	-			2.86												
353																	
	50	- R2	(5)		2.10	1,438,049	587,053	\$2,705,894.86	162,725	40,402	162,194	\$142,687.20	831,941	\$92,350.52	\$94,012.30	\$145,566.46	
	Note 1	- 80 R2 - 35-yr truncation			2.96												
	15	- S3	0		6.67												
354	65	- R4	(25)		1.92			7,287,495									
355	55	- R2.5	(20)		2.18			2,908,593									
356								6,378,478									
	55	- R2.5	(40)		2.80												
	70	- R4	0		1.43												
357	55	- S3	(5)		1.91												
358	45	- R3	(5)		2.33												
	35	-			2.86												
Total Transmission Plant Depreciation						1,456,697	587,053	22,994,103	162,725	40,402	162,194	142,687	831,941	92,351	94,012	145,566	
Total Transmission Depreciation Expense (must tie to p336.7.f)						45,361,531											

Note 1: Depreciation rate is based on an 80 R2 survivor curve with a 35-year truncation.

Annual Depreciation Expense														
Cabot SS	Grandview Capacitor	Potter	Osage Whikely	Armstrong	Farmers Valley	Harvey Run	Doubs SS	Meadowbrook SS	502 Jct Substation	Conemaugh-Seward	Luxor	Grandpoint & Guilford	Handsome Lake-Homer City	Altoona
	421	281	14,922	320	1,255				124,532	2,668	3,450			
157,735	13,533	35,343	110,809	329,740	18,436	17,476	\$101,252.56	\$1,249,433.67		267,802	21,896	37,266		761,429
			96,660							8,428			35,709	
			351,137							385,009			42,710	
158,157	13,814	35,343	573,528	332,567	19,691	17,476	101,253	1,249,434	124,532	663,906	25,345	37,266	276,582	761,429

Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road	Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Wobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor
						89,205	6,422		12,892		89,880	66,856		18,436	
69,927	11,958	924,380	\$104,734.71	9,216	158,142	\$1,394,034.90	186,755	18,859	29,078	14,379	\$331,374.89	\$766,574.87	43,804	143,437	\$28,423.67
						80,158									
						32,862									
69,927	11,958	924,380	104,735	9,216	158,142	1,596,260	193,177	18,859	41,970	14,379	421,255.36	833,431	43,804	161,873	28,424

Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascus SS	Warren Substation	Piercebreek SS	Flint Run	Total
	151,493															2,625,192
	57,583							117,566	12,033	247,283	475,498		37,588			2,640,188
																-
11,307	114,874	46,630	627,618	\$460,937.88	\$17,919.11	19,504	61,772	978,998	1,131,922	\$441,308.49	1,070,926	43,449	355,902	\$168,426.15	\$167,036.88	19,478,634
																-
																-
																-
	38,933															7,442,295
	74,819						682,298								650,962	4,619,923
																-
	117,914						1,186,721								60,469	8,555,299
																-
																-
																-
11,307	555,616	46,630	627,618	460,938	17,919	19,504	1,930,791	1,096,563	1,143,955	688,591	1,546,424	43,449	393,490	168,426	878,468	45,361,531

Trans-Allegheny Interstate Line Company

Attachment 5 - Cost Support

GENERAL PLANT		Life	Survivor Curve	Net Salvage Percent	Accrual Rate (Annual) Percent	Total
390	Structures & Improvements	50	R1	0	2.00	997,354
391	Office Furniture & Equipment	20	SQ	0	5.00	926,866
	Information Systems	10	SQ	0	10.00	
	Data Handling	10	SQ	0	10.00	
392	Transportation Equipment					
	Other	15	SQ	20	5.33	
	Autos	7	S3	20	11.43	
	Light Trucks	11.5	L4	20	6.96	
	Medium Truck	11.5	L4	20	6.96	
	Trailers	18	L1	20	4.44	
	ATV	15	SQ	20	5.33	
393	Stores Equipment	20	SQ	0	5.00	
394	Tools, Shop & Garage Equipment	20	SQ	0	5.00	
396	Power Operated Equipment	18	L1	25	4.17	
397	Communication Equipment	15	SQ	0	6.67	1,051,365
398	Miscellaneous Equipment	15	SQ	0	6.67	-
Total General Plant						2,975,586
Total General Plant Depreciation Expense (must tie to p336.10.b & c)		2,975,586				
INTANGIBLE PLANT		Life	Survivor Curve	Net Salvage Percent	Accrual Rate (Annual) Percent	Total
303	Miscellaneous Intangible Plant	5	SQ	0	20.00	4,557,054
Total Intangible Plant						4,557,054
Total Intangible Plant Amortization (must tie to p336.1 d & e)		4,557,054				

These depreciation rates will not change absent the appropriate filing at FERC.

PBOP Expenses

1	Total PBOP expenses	22,856,433
2	Amount relating to retired personnel	8,786,372
3	Amount allocated on FTEs	14,070,061
4	Number of FTEs for Allegheny	4,408
5	Cost per FTE	3,192
6	TrAILCo FTEs (labor not capitalized) current year	0.000
7	TrAILCo PBOP Expense for base year	-
8	TrAILCo PBOP Expense in Account 926 for current year	0
9	PBOP Adjustment for Appendix A, Line 57	-
57	Lines 1-5 cannot change absent approval or acceptance by FERC in a separate proceeding.	

Trans-Allegheny Interstate Line Company

Attachment 5a - Pre-Commercial Costs and CWIP

Step 1 Totals reported below are by project with the amounts to be expensed reported separately from those to be deferred and amortized (note, deferred costs related to 2006 include AFUDC).
 For Forecasting purposes, Pre-Commercial expenses will be estimated. Total deferred and amortized Pre-commercial costs will be the actual amount agreeing to FERC Form 1 and Attachment 5.

Step 2 For each project, where CWIP is to be recovered in rate base, CWIP will be estimated and the totals reported below by project. For the Reconciliation, for each project where CWIP is to be recovered in rate base the CWIP will be itemized by project below. Additionally, the amount of AFUDC that would have been capitalized for projects where CWIP is included in rate base will be reported in the FERC Form No. 1.

Step 3 For the Reconciliation, the total additions to plant in service for that year will be summarized by project to demonstrate no Pre-Commercial costs expensed were included in the additions to plant in service and AFUDC on projects where CWIP was recovered in rate base was included in the additions to plant in service. The Pre-commercial expenses are actual expenses incurred for the reconciliation year. Total deferred and amortized Pre-commercial costs will be the actual amount agreeing to FERC Form 1 and Attachment 5.

Column A	Column B	Column C	Column D	Column E	Column F	Column G
	Pre-Commercial Costs			CWIP		
Step 1 For Estimate:	Expensed (Estimated)	Deferred	Amount of Deferred Amortized in Year	Average of 13 Monthly Balances		
Prexy - 502 Junction 138 kV (CWIP)	-	-	-	-		
Prexy - 502 Junction 500 kV (CWIP)	-	-	-	-		
502 Junction - Territorial Line (CWIP)	-	-	-	-		
Total	-	-	-	-		
Step 3 For Reconciliation:	Pre-Commercial Costs			CWIP	AFUDC In CWIP	AFUDC (If CWIP was not in Rate Base)
Prexy - 502 Junction 138 kV (CWIP)	Expensed (Actual)	Deferred	Amount of Deferred Amortized in Year			
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
...						
Total	-	-	-	-	-	-
Prexy - 502 Junction 500 kV (CWIP)						
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
...						
Total	-	-	-	-	-	-
502 Junction - Territorial Line (CWIP)						
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
...						
Total	-	-	-	-	-	-
Total Additions to Plant In Service (sum of the above for each project)			Refer to Attachment 5 - Cost Support Plant in Service Worksheet			-
Total Additions to Plant in Service reported on pages 204-207 of the Form No. 1			Refer to Attachment 5 - Cost Support Plant in Service Worksheet			-
Difference (must be zero)						-

Notes:
 1 Small projects may be combined into larger projects where rate treatment is consistent. Pre-Commercial costs benefiting multiple projects will be allocated to projects based on the estimated plant in service of each project.

Allocation of Pre-Commercial Costs	Plant in Service (Estimated 2/12/2008)	Allocation
Prexy - 502 Junction 138 kV (CWIP)	94,140,000	0.10734
Prexy - 502 Junction 500 Kv (CWIP)	121,260,000	0.13827
502 Junction - Territorial Line (CWIP)	661,600,000	0.75439
Total	877,000,000	1.00000

2 Column D is the total CWIP balance including any AFUDC, Column E is the AFUDC if any in Column D, and Column F is the AFUDC that would have been in Column E if CWIP were not recovered in rate base.

Trans-Allegheny Interstate Line Company
Attachment 6 - Estimate and Reconciliation Worksheet

Step	Month	Year	Action
Exec Summary			
1	April	Year 2	TO populates the formula with Year 1 data
2	April	Year 2	TO estimates all transmission Cap Adds and CWIP for Year 2 based on each project's cost using the average of 13 monthly balances. Cap Adds are the projects expected to be in service in Year 2.
3	April	Year 2	TO adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33)
4	May	Year 2	Post results of Step 3 on PJM web site
5	June	Year 2	Results of Step 3 go into effect
6	April	Year 3	TO estimates all transmission Cap Adds and CWIP during Year 3 based each project's cost using the average of 13 monthly balances. Cap Adds are expected to be in service in Year 3.
7	April	Year 3	Reconciliation - TO calculates Reconciliation by populating the 13 monthly plant balances and beginning and end of year balances for the other rate base items and the 13 monthly averages for CWIP in Reconciliation (adjusted to include any Reconciliation amount from prior year).
8	April	Year 3	Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Step 5 with interest to the result of Step 7 (this difference is also added to Step 7 in the subsequent year)
9	May	Year 3	Post results of Step 8 on PJM web site
10	June	Year 3	Results of Step 8 go into effect

Reconciliation Details

1	April	Year 2	TO populates the formula with Year 1 data Rev Req based on Year 1 data Must run Appendix A to get this number (without any cap adds in Appendix A line 16 and without CWIP in Appendix A line 33)
2	April	Year 2	TO estimates all transmission Cap Adds and CWIP for Year 2 based on each project's cost using the average of 13 monthly balances. Cap Adds are the projects expected to be in service in Year 2.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
		Richwood Hill (in service)	Erie South (in service)	Joffre Sub (in service)	Oak Mound (in service)	Damascus Substation (in service)	Warren Substation (in service)	Kammer (in service)	502 Junction - Territorial Line (monthly additions) (in service)
Dec (Prior Year CWIP) p216.b.43	Actual	-	-	-	-	-	-	-	-
Jan 2022	Actual	876	-	-	15,050	-	-	-	-
Feb	Actual	876	-	-	23,046	-	-	-	-
Mar	Actual	876	-	-	8,018	-	-	-	-
Apr	Budget	-	-	-	-	-	-	-	-
May	Budget	-	-	-	-	-	-	-	-
Jun	Budget	-	-	-	-	-	-	-	107,000
Jul	Budget	-	-	-	-	-	-	-	-
Aug	Budget	-	-	-	-	-	-	-	-
Sep	Budget	-	-	-	-	-	-	-	-
Oct	Budget	-	-	-	-	-	-	-	-
Nov	Budget	-	-	-	3,957,372	-	-	-	-
Dec	Budget	-	-	-	-	-	-	-	496,068
Total		2,628	-	-	4,003,487	-	-	-	603,068

Month End Balances								
Other Projects PIS (Monthly additions)	Richwood Hill (in service)	Erie South (in service)	Joffre Sub (in service)	Oak Mound (in service)	Damascus Substation (in service)	Warren Substation (in service)	Kammer (in service)	502 Junction - Territorial Line (monthly additions) CWIP
-	-	-	-	-	-	-	-	-
-	876	-	-	15,050	-	-	-	-
-	1,752	-	-	38,096	-	-	-	-
-	2,628	-	-	46,115	-	-	-	-
-	2,628	-	-	46,115	-	-	-	-
-	2,628	-	-	46,115	-	-	-	-
-	2,628	-	-	46,115	-	-	-	107,000
-	2,628	-	-	46,115	-	-	-	107,000
-	2,628	-	-	46,115	-	-	-	107,000
-	2,628	-	-	46,115	-	-	-	107,000
-	2,628	-	-	46,115	-	-	-	107,000
-	2,628	-	-	4,003,487	-	-	-	107,000
-	2,628	-	-	4,003,487	-	-	-	603,068
-	28,908	-	-	8,429,036	-	-	-	1,245,068
-	2,224	-	-	648,387	-	-	-	95,774
(Appendix A, Line 16)	(Appendix A, Line 16)	(Appendix A, Line 16)	(Appendix A, Line 16)		(Appendix A, Line 33)			

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
		Shuman Hill (in service)	502 Jct Substation (in service)	Black Oak (in service)	Osage Whiteley (in service)	Squab Hollow SS (in service)	Doubs SS (in service)	Hunterstown (in service)	Wylie Ridge (in service)
Dec (Prior Year CWIP) p216.b.43	Actual	-	-	-	-	-	-	-	-
Jan 2022	Actual	-	365,972	(6,558)	-	-	-	(90)	-
Feb	Actual	-	569,454	1,890	-	-	-	(183)	-
Mar	Actual	-	319,521	3,164	-	-	-	-	-
Apr	Budget	-	-	1,630,509	-	-	-	-	-
May	Budget	-	-	-	-	-	-	-	-
Jun	Budget	-	-	-	-	-	-	-	-
Jul	Budget	-	-	-	-	-	-	-	-
Aug	Budget	-	-	-	-	-	-	-	-
Sep	Budget	-	-	-	-	-	-	-	-
Oct	Budget	-	-	-	-	-	-	-	-
Nov	Budget	-	-	-	-	-	-	-	-
Dec	Budget	-	500,000	-	-	-	-	-	-
Total		-	1,754,947	1,629,006	-	-	-	(273)	-

Month End Balances								
Other Projects PIS (Monthly additions)	Shuman Hill (in service)	502 Jct Substation (in service)	Black Oak (in service)	Osage Whiteley (in service)	Squab Hollow SS (in service)	Doubs SS (in service)	Hunterstown (in service)	Wylie Ridge (in service)
-	-	-	-	-	-	-	-	-
-	-	365,972	(6,558)	-	-	-	-	(90)
-	-	935,426	(4,668)	-	-	-	-	(273)
-	-	1,254,947	(1,503)	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	14,350,864	14,648,324	-	-	-	-	(3,091)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
		Grandpoint & Guilford (in service)	PA Farmers Valley (in service)	Waldo Run SS (in service)	Meadowbrook SS Capacitor (in service)	Conemaugh (in service)	Rider (in service)	Cabot Substation (in service)	Armstrong (in service)
Dec (Prior Year CWIP) p216.b.43	Actual	-	-	-	-	-	-	-	-
Jan 2022	Actual	-	-	-	-	-	-	(30)	-
Feb	Actual	-	-	69,640	1,402	-	-	-	-
Mar	Actual	-	-	-	685,497	-	-	-	-
Apr	Budget	-	-	-	-	-	-	-	-
May	Budget	-	-	-	-	-	-	-	-
Jun	Budget	-	-	-	-	-	-	-	-
Jul	Budget	-	-	-	-	-	-	-	-
Aug	Budget	-	-	-	-	-	-	-	-
Sep	Budget	-	-	-	-	-	-	-	-
Oct	Budget	-	-	-	-	-	-	-	-
Nov	Budget	-	-	-	-	-	-	-	-
Dec	Budget	-	-	-	-	-	-	-	-
Total		-	-	69,640	686,900	-	-	(30)	-

Month End Balances								
Other Projects PIS (Monthly additions)	Grandpoint & Guilford (in service)	PA Farmers Valley (in service)	Waldo Run SS (in service)	Meadowbrook SS Capacitor (in service)	Conemaugh (in service)	Rider (in service)	Cabot Substation (in service)	Armstrong (in service)
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	(30)	-
-	-	-	69,640	1,402	-	-	(30)	-
-	-	-	69,640	686,900	-	-	(30)	-
-	-	-	69,640	686,900	-	-	(30)	-
-	-	-	69,640	686,900	-	-	(30)	-
-	-	-	69,640	686,900	-	-	(30)	-
-	-	-	69,640	686,900	-	-	(30)	-
-	-	-	69,640	686,900	-	-	(30)	-
-	-	-	69,640	686,900	-	-	(30)	-
-	-	-	69,640	686,900	-	-	(30)	-
-	-	-	69,640	686,900	-	-	(30)	-
-	-	-	766,042	6,870,399	-	-	(361)	-

Result of Formula for Reconciliation

Total Revenue Requirement	Potter SS	Cabot SS Transformer	Doubs Transformer #4 (Monthly additions)	Doubs Transformer #3 (Monthly additions)	Doubs Transformer #2 (Monthly additions)	Kammer Transformers (Monthly additions)	Meadow Brook SS Capacitor (Monthly additions)	Bedington Transformer (Monthly additions)	Meadowbrook Transformer (Monthly additions)	North Shenandoah (Monthly additions)	Black Oak (Monthly additions)	Wylie Ridge (Monthly additions)	502 Junction - Territorial Line (Monthly additions)	Osage Whiteley	Armstrong	Farmers Valley	Harvey Run	Doubs SS
\$ 261,894,377.05	244,698.40	858,720.25	608,127.42	533,058.84	562,084.85	4,212,745	685,890	824,824	849,537	210,297	5,283,779	2,497,723	126,063,559	2,835,012	2,012,476	(55,158)	94,932	679,133
Meadowbrook SS	Buffalo Road Capacitor	Handsome Lake-Homer City	Grandview Capacitor	Luxor Capacitor	Grand Point & Guilford SS	Altoona	Blairsville	Conemaugh Transformer	502 Junction Substation	Cabron Center	Hunterstown	Johnstown	Moshannon	Wakto Run	Four Mile Junction	West Union SS	Bartonville SS Capacitor	
8,343,056	51,813	1,510,875	(1,096,655)	141,922	209,586	4,272,508	392,193	3,380,835	2,400,638	67,227	5,182,347	580,045	901,964	7,406,543	1,150,549	107,477	80,862	
Yeagertown	Rider	Monocacy SS	Shuman Hill Sub	Mainsburg SS	Johnstown Sub Capcitor	Grover SS	Claysburg Ring Bus	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswaner	Shawville	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	
137,138	2,326,209	4,292,327	183,537	3,836,349	163,828	105,043	893,553	2,161,008	3,627,119	204,666	109,337	262,609	13,233,325	5,697,980	5,403,427	4,498,769	8,698,513	
Damascus SS	Warren Substation	Joffre Substation S1041	Piercebrook Substation	Flint Run	New Martinsville Capacitor													
244,489	2,792,667		1,268,309	17,668,954	-													

8 April Year 3

Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Step 5 with interest to the result of Step 7 (this difference is also added to Step 7 in the subsequent year)

The Reconciliation in Step 8 261,894,377 - The forecast in Prior Year 241,537,882 = 20,356,495 <Note: for the first rate year, divide this reconciliation amount by 12 and multiply by the number of months and fractional months the rate was in effect.

Interest on Amount of Refunds or Surcharges

Month	Yr	1/12 of Step 9	Interest 35.19a for March Current Yr	Months	Interest	Surcharge (Refund) Owed
Jun	Year 1	1,696,375	0.5400%	11.5	105,345	1,801,719
Jul	Year 1	1,696,375	0.5400%	10.5	96,184	1,792,569
Aug	Year 1	1,696,375	0.5400%	9.5	87,024	1,783,399
Sep	Year 1	1,696,375	0.5400%	8.5	77,864	1,774,238
Oct	Year 1	1,696,375	0.5400%	7.5	68,703	1,765,078
Nov	Year 1	1,696,375	0.5400%	6.5	59,543	1,755,917
Dec	Year 1	1,696,375	0.5400%	5.5	50,382	1,746,757
Jan	Year 2	1,696,375	0.5400%	4.5	41,222	1,737,596
Feb	Year 2	1,696,375	0.5400%	3.5	32,061	1,728,436
Mar	Year 2	1,696,375	0.5400%	2.5	22,901	1,719,276
Apr	Year 2	1,696,375	0.5400%	1.5	13,741	1,710,115
May	Year 2	1,696,375	0.5400%	0.5	4,580	1,700,955
Total		20,356,495				21,016,045

Month	Yr	Balance	Interest	Amort	Balance
Jun	Year 2	21,016,045	0.5400%	1,813,416	19,316,116
Jul	Year 2	19,316,116	0.5400%	1,813,416	17,607,007
Aug	Year 2	17,607,007	0.5400%	1,813,416	15,888,669
Sep	Year 2	15,888,669	0.5400%	1,813,416	14,161,052
Oct	Year 2	14,161,052	0.5400%	1,813,416	12,424,106
Nov	Year 2	12,424,106	0.5400%	1,813,416	10,677,780
Dec	Year 2	10,677,780	0.5400%	1,813,416	8,922,024
Jan	Year 3	8,922,024	0.5400%	1,813,416	7,156,787
Feb	Year 3	7,156,787	0.5400%	1,813,416	5,382,018
Mar	Year 3	5,382,018	0.5400%	1,813,416	3,597,665
Apr	Year 3	3,597,665	0.5400%	1,813,416	1,803,676
May	Year 3	1,803,676	0.5400%	1,813,416	-
Total with interest				21,760,991	

The difference between the Reconciliation in Step 8 and the forecast in Prior Year with interest 21,760,991 Input to Appendix A, Line 143
Rev Req based on Year 2 data with estimated Cap Adds for Year 3 (Step 8) \$ -
Revenue Requirement for Year 3 21,760,991

Reconciliation Amount by Project																		
Total Revenue Requirement	Potter SS	Cabot SS Transformer	Doubs Transformer #4 (Monthly additions)	Doubs Transformer #3 (Monthly additions)	Doubs Transformer #2 (Monthly additions)	Kammer Transformers (Monthly additions)	Meadow Brook SS Capacitor (Monthly additions)	Bedington Transformer (Monthly additions)	Meadowbrook Transformer (Monthly additions)	North Shenandoah (Monthly additions)	Black Oak (Monthly additions)	Wylie Ridge (Monthly additions)	502 Junction - Territorial Line (Monthly additions)	Osage Whiteley	Armstrong	Farmers Valley	Harvey Run	Doubs SS
\$ 21,760,991	23,725	110,219	44,236	62,563	51,147	368,973	(2,087)	87,499	75,414	18,619	406,860	250,368	12,658,817	245,857	351,194	(290,365)	6,160	150,680
Meadowbrook SS	Buffalo Road Capacitor	Handsome Lake-Homer City	Grandview Capacitor	Luxor Capacitor	Grand Point & Guilford SS	Altoona	Blairsville	Conemaugh Transformer	502 Junction Substation	Cabron Center	Hunterstown	Johnstown	Moshannon	Wakto Run	Four Mile Junction	West Union SS	Bartonville SS Capacitor	
1,826,858	4,719	136,201	(1,246,882)	12,907	19,062	388,830	35,688	292,728	341,030	6,122	471,550	53,258	83,016	593,907	108,465	11,381	4,113	
Yeagertown	Rider	Monocacy SS	Shuman Hill Sub	Mainsburg SS	Johnstown Sub Capcitor	Grover SS	Claysburg Ring Bus	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswaner	Shawville	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	
12,329	147,571	77,702	20,362	117,606	9,119	10,878	47,208	50,768	75,828	9,550	5,848	14,098	546,904	146,130	25,877	123,943	165,364	
Damascus SS	Warren Substation	Joffre SS	Piercebrook SS	Flint Run	New Martinsville Capacitor													
16,539	55,632		33,679	2,285,225	-													

9 May Year 3

Post results of Step 8 on PJM web site \$ 21,760,991

10 June Year 3

Results of Step 8 go into effect \$ 21,760,991

Trans-Allegheny Interstate Line Company
Attachment 7 - Transmission Enhancement Charge Worksheet

Revenue Requirement By Project

Fixed Charge Rate (FCR) if not a CIAC		Formula Line	
A	137	FCR without Depreciation and Pre-Commercial Costs	11.6357%
B	145	FCR with Incentive ROE without Depreciation and Pre-Commercial	12.2963%
C		Line B less Line A	0.6606%
FCR if a CIAC			
D	138	FCR without Depreciation, Return, nor Income Taxes	3.2720%

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years

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		PJM Upgrade ID: b0328.1 b0328.2; b0347.1; b0347.2; b0347.3; b0347.4					PJM Upgrade ID: b0218				PJM Upgrade ID: b0216			
Details		502 Junction - Territorial Line (CWIP + Plant In Service)					Wylie Ridge Transformer (Plant In Service)				Black Oak (SVC) Dynamic Reactive Device (Plant In Service)			
Schedule 12	(Yes or No)	Yes					Yes				Yes			
CIAC	(Yes or No)	No					No				No			
Allowed ROE		12.70%					11.70%				12.70%			
FCR without Incentive ROE		11.6357%					11.6357%				11.6357%			
FCR for This Project		12.2963%					11.6357%				12.2963%			
Investment		838,217,349					16,420,816				31,123,930			
Annual Depreciation Exp from Attachment 5		22,994,103					587,053				1,456,697			
	Invest Yr	Return	Depreciation	Pre-Commercial Exp.	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
See Calculations for each item below	2011	97,532,097.58	22,994,103.21	0.00	0.00	120,526,200.80	1,910,669.86	587,053.17	0.00	2,497,723.03	3,621,473.85	1,456,696.97	0.00	5,078,170.82
See Calculations for each item below	2011	103,069,455.70	22,994,103.21	0.00	0.00	126,063,558.91	1,910,669.86	587,053.17	0.00	2,497,723.03	3,827,082.03	1,456,696.97	0.00	5,283,779.00

For Plant in Service

"Pre-Commercial Exp" is equal to the amount of pre-commercial expense on Attachment 5a for each project expensed in year and amortized in year.
Revenue is equal to the "Return" ("Investment" times FCR) plus "Depreciation" plus "Pre-Commercial Exp" plus prior year "Reconciliation amount"
"Reconciliation Amount" is created in the reconciliation in Attachment 6 and included in the forecasted revenue requirement.

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10 "Yes" if a project under PJM OATT Schedule 12, otherwise
11 "No"
12 "Yes" if the customer has paid a lump sum payment in the
amount of the investment on line 29, Otherwise "No"
13 Input the allowed ROE
14 From line 3 above if "No" on line 12 and From line 7 above if
"yes" on line 12
15 If line 13 equals 12.7%, then line 4, if line 13 equals 11.7%
then line 3, and if line 12 is "Yes" then line 7
16 Forecast - End of prior year net plant plus current year
forecast of CWIP or Cap Adds.
reconciliation - Average of 13 month prior year net plant
balances plus prior year 13-mo CWIP balances.
17 Annual Depreciation Exp from Attachment 5

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19 See Calculations for each item below
20 See Calculations for each item below

PJM Upgrade ID: b0323					PJM Upgrade ID: b0230					PJM Upgrade ID: b0229					PJM Upgrade ID: b0559				
North Shenandoah Transformer (Plant In Service)					Meadowbrook Transformer (Plant In Service)					Bedington Transformer (Plant In Service)					Meadowbrook Capacitor (Plant In Service)				
Yes					Yes					Yes					Yes				
No					No					No					No				
11.70%					11.70%					11.70%					11.70%				
11.6357%					11.6357%					11.6357%					11.6357%				
11.6357%					11.6357%					11.6357%					11.6357%				
1,460,123					5,902,647					5,694,822					4,668,431				
40,402					162,725					162,194					142,687				
Return	Depreciation	Reconciliation		Revenue	Return	Depreciation	Reconciliation		Revenue	Return	Depreciation	Reconciliation		Revenue	Return	Depreciation	Reconciliation		Revenue
169,894.87	40,401.96	0.00	210,296.83	686,811.80	162,725.24	0.00	849,537.04	662,629.92	162,194.28	0.00	824,824.20	543,202.62	142,687.20	0.00	685,889.82	543,202.62	142,687.20	0.00	685,889.82
169,894.87	40,401.96	0.00	210,296.83	686,811.80	162,725.24	0.00	849,537.04	662,629.92	162,194.28	0.00	824,824.20	543,202.62	142,687.20	0.00	685,889.82	543,202.62	142,687.20	0.00	685,889.82

For Plant in Service
"Pre-Commercial Exp" is equal to the amount of pre-commerc
Revenue is equal to the "Return" ("Investment" times FCR) p
"Reconciliation Amount" is created in the reconciliation in Atta

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PJM Upgrade ID: b0495					PJM Upgrade ID: b0343					PJM Upgrade ID: b0344					PJM Upgrade ID: b0345				
Kammer Transformers (Plant In Service)					Doubs Replace Transformer #2					Doubs Replace Transformer #3					Doubs Replace Transformer #4				
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"					"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"					"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"					"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				
Input the allowed ROE					Input the allowed ROE					Input the allowed ROE					Input the allowed ROE				
From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12					From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12					From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12					From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				
If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7					If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7					If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7					If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				
Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.					Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.					Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.					Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.				
reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.					reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.					reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.					reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				
Annual Depreciation Exp from Attachment 5					Annual Depreciation Exp from Attachment 5					Annual Depreciation Exp from Attachment 5					Annual Depreciation Exp from Attachment 5				
Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue	
3,380,803.86	831,940.92	0.00	4,212,744.78		469,734.33	92,350.52	0.00	562,084.85		439,046.55	94,012.30	0.00	533,058.84		462,560.96	145,566.46	0.00	608,127.42	
3,380,803.86	831,940.92	0.00	4,212,744.78		469,734.33	92,350.52	0.00	562,084.85		439,046.55	94,012.30	0.00	533,058.84		462,560.96	145,566.46	0.00	608,127.42	

For Plant in Service
 "Pre-Commercial Exp" is equal to the amount of pre-commerc
 Revenue is equal to the "Return" ("Investment" times FCR) p
 "Reconciliation Amount" is created in the reconciliation in Atta

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11 "Yes" if a project under PJM OATT Schedule 12, otherwise "No"
12 "Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"
13 Input the allowed ROE
14 From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12
15 If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7
16 Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds
reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.
17 Annual Depreciation Exp from Attachment 5
18
19 See Calculations for each item below
20 See Calculations for each item below

PJM Upgrade ID: b0704					PJM Upgrade ID: b1941					PJM Upgrade ID: b0563					PJM Upgrade ID: b0564				
Cabot SS - Install Autotransformer					Armstrong					Farmers Valley Capacitor					Harvey Run Capacitor				
Yes					Yes					Yes					Yes				
No					No					No					No				
11.70%					11.70%					11.70%					11.70%				
11.6357%					11.6357%					11.6357%					11.6357%				
11.6357%					11.6357%					11.6357%					11.6357%				
6,020,833					14,437,597					(643,270)					665,676				
158,157					332,567					19,691					17,476				
Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue	
700,563.54	158,156.71	0.00	858,720.25		1,679,909.34	332,567.02	0.00	2,012,476.36		(74,848.65)	19,690.68	0.00	(55,157.97)		77,455.76	17,476.20	0.00	94,931.96	
700,563.54	158,156.71	0.00	858,720.25		1,679,909.34	332,567.02	0.00	2,012,476.36		(74,848.65)	19,690.68	0.00	(55,157.97)		77,455.76	17,476.20	0.00	94,931.96	

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PJM Upgrade ID: b1803					PJM Upgrade ID: b1243					PJM Upgrade ID: b0674, b1023, b1023.3					PJM Upgrade ID: b1804				
Doubs SS					Potter SS					Osage Whiteley					Meadowbrook SS				
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"					"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"					"Yes" if a project under PJM OATT Schedule 12, otherwise "No"					"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				
Input the allowed ROE					Input the allowed ROE					Input the allowed ROE					Input the allowed ROE				
From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12					From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12					From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12					From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				
If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7					If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7					If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7					If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				
Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.					Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.					Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.					Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.				
reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.					reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.					reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.					reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				
Annual Depreciation Exp from Attachment 5					Annual Depreciation Exp from Attachment 5					Annual Depreciation Exp from Attachment 5					Annual Depreciation Exp from Attachment 5				
Reconciliation					Reconciliation					Reconciliation					Reconciliation				
Return	Depreciation	Amount	Revenue		Return	Depreciation	Pre-Commercial Exp.	Amount	Revenue	Return	Depreciation	Pre-Commercial Exp.	amount	Revenue	Return	Depreciation	Amount	Revenue	
577,880.21	101,252.56	0.00	679,132.77		209,355	35,343	0	0	244,698.40	2,261,484	573,528	0	0	2,835,012.26	7,093,621.87	1,249,433.67	0.00	8,343,055.54	
577,880.21	101,252.56	0.00	679,132.77		209,355	35,343	0	0	244,698.40	2,261,484	573,528	0	0	2,835,012.26	7,093,621.87	1,249,433.67	0.00	8,343,055.54	

For Plant in Service
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Revenue is equal to the "Return" ("Investment" times FCR) p
"Reconciliation Amount" is created in the reconciliation in Atta

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11 "Yes" if a project under PJM OATT Schedule 12, otherwise
12 "No"
13 "Yes" if the customer has paid a lump sum payment in the
14 amount of the investment on line 29, Otherwise "No"
15 Input the allowed ROE
16 From line 3 above if "No" on line 12 and From line 7 above if
17 "Yes" on line 12
18 If line 13 equals 12.7%, then line 4, if line 13 equals 11.7%
19 then line 3, and if line 12 is "Yes" then line 7
20 Forecast - End of prior year net plant plus current year
reconciliation - Average of 13 month prior year net plant
balances plus prior year 13-mo CWIP balances.
Annual Depreciation Exp from Attachment 5

PJM Upgrade ID: b1990					PJM Upgrade ID: b0674 & b1023.1					PJM Upgrade ID: b1153					PJM Upgrade ID: b1965				
Grandview Capacitor					502 Jct Substation					Conemaugh-Seward					Luxor				
Yes					Yes					Yes					Yes				
No					No					No					No				
11.70%					11.70%					11.70%					11.70%				
11.6357%					11.6357%					11.6357%					11.6357%				
11.6357%					11.6357%					11.6357%					11.6357%				
(9,543,666)					19,561,468					23,350,024					1,001,894				
13,814					124,532					663,906					25,345				
	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue			
18	(1,110,468.24)	13,813.68	0.00	(1,096,654.56)	2,276,105.41	124,532.16	0.00	2,400,637.57	2,716,928.81	663,906.28	0.00	3,380,835.09	116,576.97	25,345.20	0.00	141,922.17			
19	(1,110,468.24)	13,813.68	0.00	(1,096,654.56)	2,276,105.41	124,532.16	0.00	2,400,637.57	2,716,928.81	663,906.28	0.00	3,380,835.09	116,576.97	25,345.20	0.00	141,922.17			
20																			

For Plant in Service
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If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7
Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.
reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.
Annual Depreciation Exp from Attachment 5
See Calculations for each item below
See Calculations for each item below

PJM Upgrade ID: b1839				PJM Upgrade ID: b1941				PJM Upgrade ID: b1801				PJM Upgrade ID: b1967			
Grandpoint & Guilford				Handsome Lake-Homer City				Altoona				Blairsville			
Yes				Yes				Yes				Yes			
No				No				No				No			
11.70%				11.70%				11.70%				11.70%			
11.6357%				11.6357%				11.6357%				11.6357%			
11.6357%				11.6357%				11.6357%				11.6357%			
1,480,970				10,607,854				30,175,170				2,769,644			
37,266				276,582				761,429				69,927			
Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
172,320.55	37,265.64	0.00	209,586.19	1,234,293.54	276,581.85	0.00	1,510,875.39	3,511,079.29	761,428.68	0.00	4,272,507.97	322,266.25	69,926.52	0.00	392,192.77
172,320.55	37,265.64	0.00	209,586.19	1,234,293.54	276,581.85	0.00	1,510,875.39	3,511,079.29	761,428.68	0.00	4,272,507.97	322,266.25	69,926.52	0.00	392,192.77

For Plant in Service
"Pre-Commercial Exp" is equal to the amount of pre-commerc
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10 "Yes" if a project under PJM OATT Schedule 12, otherwise
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19 Forecast – End of prior year net plant plus current year
20 forecast of CWIP or Cap Adds.
reconciliation – Average of 13 month prior year net plant
balances plus prior year 13-mo CWIP balances.
Annual Depreciation Exp from Attachment 5

	PJM Upgrade ID: b1672				PJM Upgrade ID: b1800				PJM Upgrade ID: b1945				PJM Upgrade ID: b1770				PJM Upgrade ID: b1964			
	Carbon Center				Hunterstown				Johnstown				Buffalo Road				Moshannon			
	Yes				Yes				Yes				Yes				Yes			
	No				No				No				No				No			
	11.70%				11.70%				11.70%				11.70%				11.70%			
	11.6357%				11.6357%				11.6357%				11.6357%				11.6357%			
	11.6357%				11.6357%				11.6357%				11.6357%				11.6357%			
	475,005				36,594,125				4,084,944				366,091				6,392,608			
	11,958				924,380				104,735				9,216				158,142			
	Return	Depreciation	Reconciliation	Revenue	Return	Depreciation	Reconciliation	Revenue	Return	Depreciation	Reconciliation	Revenue	Return	Depreciation	Reconciliation	Revenue	Return	Depreciation	Reconciliation	Revenue
	55,269.97	11,957.52	0.00	67,227.49	4,257,966.90	924,379.69	0.00	5,182,346.59	475,310.10	104,734.71	0.00	580,044.81	42,597.05	9,215.64	0.00	51,812.69	743,821.97	158,141.80	0.00	901,963.77
	55,269.97	11,957.52	0.00	67,227.49	4,257,966.90	924,379.69	0.00	5,182,346.59	475,310.10	104,734.71	0.00	580,044.81	42,597.05	9,215.64	0.00	51,812.69	743,821.97	158,141.80	0.00	901,963.77

For Plant in Service
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19 Forecast – End of prior year net plant plus current year
20 forecast of CWIP or Cap Adds.
reconciliation – Average of 13 month prior year net plant
balances plus prior year 13-mo CWIP balances.
Annual Depreciation Exp from Attachment 5

PJM Upgrade ID: b2433.1, b2433.2, b2433.3				PJM Upgrade ID: b1609, b1769				PJM Upgrade ID: b2343				PJM Upgrade ID: b2342				PJM Upgrade ID: b1610				PJM Upgrade ID: b1840			
Waldo Run				Four Mile Junction				West Union SS				Shuman Hill/Mobley				Yeagertown				Rider Sub			
Yes				Yes				Yes				Yes				Yes				Yes			
No		11.70%		No		11.70%		No		11.70%		No		11.70%		No		11.70%		No		11.70%	
11.6357%				11.6357%				11.6357%				11.6357%				11.6357%				11.6357%			
11.6357%				11.6357%				11.6357%				11.6357%				11.6357%				11.6357%			
49,935,151				8,227,917				761,602				1,216,658				1,024,600				15,216,952			
1,596,260				193,177				18,859				41,970				17,919				555,616			
Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
5,810,282.95	1,596,259.71	0.00	7,406,542.66	957,372.22	193,176.84	0.00	1,150,549.06	88,617.39	18,859.43	0.00	107,476.82	141,566.13	41,970.48	0.00	183,536.61	119,218.91	17,919.11	0.00	137,138.01	1,770,592.42	555,616.39	0.00	2,326,208.81
5,810,282.95	1,596,259.71	0.00	7,406,542.66	957,372.22	193,176.84	0.00	1,150,549.06	88,617.39	18,859.43	0.00	107,476.82	141,566.13	41,970.48	0.00	183,536.61	119,218.91	17,919.11	0.00	137,138.01	1,770,592.42	555,616.39	0.00	2,326,208.81

For Plant in Service

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PJM Upgrade ID: b2235				PJM Upgrade ID: b2260				PJM Upgrade ID: b1802				PJM Upgrade ID: b0555				PJM Upgrade ID: b0556				PJM Upgrade ID: b1943			
Monocacy SS				Bartonville SS Capacitor				Mainsburg SS				Johnstown Sub Capacitor				Grover SS				Claysburg Ring Bus			
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"			
"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"			
Input the allowed ROE				Input the allowed ROE				Input the allowed ROE				Input the allowed ROE				Input the allowed ROE				Input the allowed ROE			
From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12			
If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7			
Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.			
reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.			
Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5			
Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
3,664,708.74	627,617.78	0.00	4,292,326.52	66,482.71	14,379.13	0.00	80,861.84	3,375,410.64	460,937.88	0.00	3,836,348.52	135,404.53	28,423.67	0.00	163,828.20	93,736.22	11,306.52	0.00	105,042.74	731,680.36	161,872.85	0.00	893,553.21
3,664,708.74	627,617.78	0.00	4,292,326.52	66,482.71	14,379.13	0.00	80,861.84	3,375,410.64	460,937.88	0.00	3,836,348.52	135,404.53	28,423.67	0.00	163,828.20	93,736.22	11,306.52	0.00	105,042.74	731,680.36	161,872.85	0.00	893,553.21

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PJM Upgrade ID: b2364 & b2364.1				PJM Upgrade ID: b2362				PJM Upgrade ID: b2156				PJM Upgrade ID: b2546				PJM Upgrade ID: b1998			
Squab Hollow SS				Squab Hollow SVC				Shingletown Capacitor				Nyswaner				Shawville			
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"			
"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"			
Input the allowed ROE				Input the allowed ROE				Input the allowed ROE				Input the allowed ROE				Input the allowed ROE			
From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12			
If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7			
Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.			
reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.			
Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5			
Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
1,739,752.71	421,255.36	0.00	2,161,008.07	2,793,687.97	833,430.79	0.00	3,627,118.76	160,862.31	43,803.89	0.00	204,666.20	89,833.53	19,503.70	0.00	109,337.23	215,979.26	46,629.98	0.00	262,609.24
1,739,752.71	421,255.36	0.00	2,161,008.07	2,793,687.97	833,430.79	0.00	3,627,118.76	160,862.31	43,803.89	0.00	204,666.20	89,833.53	19,503.70	0.00	109,337.23	215,979.26	46,629.98	0.00	262,609.24

For Plant in Service
"Pre-Commercial Exp" is equal to the amount of pre-commerc
Revenue is equal to the "Return" ("Investment" times FCR) p
"Reconciliation Amount" is created in the reconciliation in Atta

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10 "Yes" if a project under PJM OATT Schedule 12, otherwise
11 "No"
12 "Yes" if the customer has paid a lump sum payment in the
13 amount of the investment on line 29, Otherwise "No"
14 Input the allowed ROE
15 From line 3 above if "No" on line 12 and From line 7 above if
16 "Yes" on line 12
17 If line 13 equals 12.7%, then line 4, if line 13 equals 11.7%
18 then line 3, and if line 12 is "Yes" then line 7
19 Forecast – End of prior year net plant plus current year
20 forecast of CWIP or Cap Adds.
reconciliation – Average of 13 month prior year net plant
balances plus prior year 13-mo CWIP balances.
Annual Depreciation Exp from Attachment 5

PJM Upgrade ID: b2475	PJM Upgrade ID: b2547.1	PJM Upgrade ID: b2441	PJM Upgrade ID: b1991	PJM Upgrade ID: b2545	PJM Upgrade ID: b2261
Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascus SS
Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No
11.70%	11.70%	11.70%	11.70%	11.70%	11.70%
11.6357%	11.6357%	11.6357%	11.6357%	11.6357%	11.6357%
11.6357%	11.6357%	11.6357%	11.6357%	11.6357%	11.6357%
97,137,051	39,545,823	36,607,057	32,745,701	61,466,998	1,727,791
1,930,791	1,096,563	1,143,955	688,591	1,546,424	43,449
Return	Return	Return	Return	Return	Return
Depreciation	Depreciation	Depreciation	Depreciation	Depreciation	Depreciation
Reconciliation Amount					
Revenue	Revenue	Revenue	Revenue	Revenue	Revenue
11,302,534.31	4,601,416.39	4,259,471.62	3,810,177.55	7,152,089.18	201,039.84
1,930,790.67	1,096,563.13	1,143,955.45	688,591.43	1,546,424.21	43,448.94
0.00	0.00	0.00	0.00	0.00	0.00
13,233,324.98	5,697,979.52	5,403,427.07	4,498,768.97	8,698,513.39	244,488.78

18 See Calculations for each item below
19 See Calculations for each item below
20 See Calculations for each item below

For Plant in Service
"Pre-Commercial Exp" is equal to the amount of pre-commerc
Revenue is equal to the "Return" ("Investment" times FCR) p
"Reconciliation Amount" is created in the reconciliation in Atta

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10 "Yes" if a project under PJM OATT Schedule 12, otherwise
11 "No"
12 "Yes" if the customer has paid a lump sum payment in the
13 amount of the investment on line 29, Otherwise "No"
14 Input the allowed ROE
15 From line 3 above if "No" on line 12 and From line 7 above if
16 "Yes" on line 12
17 If line 13 equals 12.7%, then line 4, if line 13 equals 11.7%
18 then line 3, and if line 12 is "Yes" then line 7
19 Forecast - End of prior year net plant plus current year
20 forecast of CWIP or Cap Adds.
reconciliation - Average of 13 month prior year net plant
balances plus prior year 13-mo CWIP balances.
Annual Depreciation Exp from Attachment 5

PJM Upgrade ID: b2494					PJM Upgrade ID: s1041					PJM Upgrade ID: b2587					PJM Upgrade ID: b2996, b2996.1, b2996.2						
Warren Substation					Joffre Substation S1041					Piercebrook Substation					Flint Run						
Yes					Yes					Yes					Yes						
No					No					No					No						
11.70%					11.70%					11.70%					11.70%						
11.6357%					11.6357%					11.6357%					11.6357%						
11.6357%					11.6357%					11.6357%					11.6357%						
20,619,185					0					9,452,688					144,301,994						
393,490					0					168,426					878,468						
Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue	Total	Incentive Charged	Revenue Credit
2,399,177.64	393,489.74	0.00	2,792,667.38		0.00	0.00	0.00	0.00		1,099,882.40	168,426.15	0.00	1,268,308.55		16,790,485.38	878,468.28	0.00	17,668,953.66	256,151,410.75	261,894,377.05	256,151,410.75
2,399,177.64	393,489.74	0.00	2,792,667.38		0.00	0.00	0.00	0.00		1,099,882.40	168,426.15	0.00	1,268,308.55		16,790,485.38	878,468.28	0.00	17,668,953.66	261,894,377.05	261,894,377.05	

\$5,742,966.30
Ax A Line 148

For Plant in Service

"Pre-Commercial Exp" is equal to the amount of pre-commerc
Revenue is equal to the "Return" ("Investment" times FCR) p
"Reconciliation Amount" is created in the reconciliation in Atta

Template for Annual Information Filings with Formula Rate Debt Cost Disclosure and True-Up
Attachment 8, page 1, Table 1 and 2
Template for Annual Information Filings with Formula Rate Debt Cost Disclosure and True-Up

TABLE 1: Summary Cost of Long Term Debt

CALCULATION OF COST OF DEBT

YEAR ENDED	12/31/2022										
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
	t=N	Issue Date	Maturity Date	ORIGINAL ISSUANCE	Net Proceeds At Issuance	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in Year* z*	Weighted Outstanding Ratios	Effective Cost Rate (Tables 2 and 3)	Weighted Debt Cost at t = N (h) * (i)
Long Term Debt Cost at Year Ended: 12/31/2022											
First Mortgage Bonds:											
(1) 3.85%, Senior Unsecured Notes	No	12/11/2014	6/2/2025	\$ 550,000,000	\$ 545,247,429	\$ 548,899,618	12	\$ 548,899,618.33	88.00%	3.95%	3.48%
(2) 3.76%, Senior Unsecured Notes		10/16/2015	5/30/2025	\$ 75,000,000	\$ 74,437,647	\$ 74,859,012	12	\$ 74,859,011.67	12.00%	3.85%	0.46%
	Total			\$ 625,000,000		\$ 623,758,630		\$ 623,758,630	100.000%		3.94%

t = time
The current portion of long term debt is included in the Net Amount Outstanding at t = N in these calculations.
The outstanding amount (column (e)) for debt retired during the year is the outstanding amount at the last month it was outstanding.
* z = Average of monthly balances for months outstanding during the year (average of the balances for the 12 months of the year, with zero in months that the issuance is not outstanding in a month).
Interim (individual debenture) debt cost calculations shall be taken to four decimals in percentages (7.2300%, 5.2582%); Final Total Weighted Average Debt Cost for the Formula Rate shall be rounded to two decimals of a percent (7.03%).
** This Total Weighted Average Debt Cost will be shown on Line 101 of formula rate Appendix A.

TABLE 2: Effective Cost Rates For Traditional Front-Loaded Debt Issuances:

YEAR ENDED	12/31/2022													
	(aa)	(bb)	(cc)	(dd)	14	(ee)	(ff)	(gg)	(hh)	(ii)	(jj)	(kk)	(ll)	
Long Term Debt Issuances	Affiliate	Issue Date	Maturity Date	Amount Issued	(Discount) Premium at Issuance	Issuance Expense	Loss/Gain on Reacquired Debt	Less Related ADIT (Attachment 1)	Net Proceeds	Net Proceeds Ratio	Coupon Rate	Annual Interest	Effective Cost Rate* (Yield to Maturity at Issuance, t = 0)	
(1) 3.85%, Senior Unsecured Notes	No	12/11/2014	6/2/2025	\$ 550,000,000	\$ (418,000)	4,334,571	-	xxx	\$ 545,247,429	99.1359	3.85%	\$ 21,175,000	3.95%	
(2) 3.76%, Senior Unsecured Notes		10/16/2015	5/30/2025	\$ 75,000,000		562,353	-		\$ 74,437,647	99.2502	3.76%	\$ 2,820,000	3.85%	
	TOTALS			\$ 625,000,000	(418,000)	\$ 4,896,924	-	xxx	\$ 619,685,076			\$ 23,995,000		

* YTM at issuance calculated from an acceptable bond table or from YTM = Internal Rate of Return (IRR) calculation

Trans-Allegheny Interstate Line Company

Attachment 9 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology

TrAILCo anticipates its financing will be a 7 year loan, where by TrAILCo pays Origination Fees of \$5.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below. Each year, TrAILCo will true up the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount on this attachment.

Total Loan Amount

Internal Rate of Return¹
 Based on following Financial Formula²:

$$NPV = 0 = \sum_{t=1}^N C_t / (1 + IRR)^{pwr(t)}$$

Origination Fees
 Origination Fees
 Addition Origination Fees
 Total Issuance Expense

Revolving Credit Commitment Fee
 Revolving Credit Commitment Fee

After borrowing is at the midpoint (\$275,000)

	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

Commitment fees for 4th quarter 2008

Attachment 2

Annual Transmission Revenue Requirements for 2023 Rate Year

May 15, 2023

ATTACHMENT H-18A

Trans-Allegheny Interstate Line Company				TrAILCo
Formula Rate -- Appendix A		Notes	FERC Form 1 Page # or Instruction	2023 Forecast
Shaded cells are input cells				
Allocators				
Wages & Salary Allocation Factor				
1	Transmission Wages Expense		p354.21.b	0
2	Total Wages Expense		p354.28.b	0
3	Less A&G Wages Expense		p354.27.b	0
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	0
5	Wages & Salary Allocator		(Line 1 / Line 4), if line 2 = 0, then 100%	100.0000%
Plant Allocation Factors				
6	Electric Plant in Service	(Note B)	Attachment 5	2,357,643,520
7	Total Plant In Service		(Line 6)	2,357,643,520
8	Accumulated Depreciation (Total Electric Plant)		Attachment 5	472,873,054
9	Total Accumulated Depreciation		(Line 8)	472,873,054
10	Net Plant		(Line 7 - Line 9)	1,884,770,466
11	Transmission Gross Plant		(Line 15 + Line 21)	2,357,643,520
12	Gross Plant Allocator		(Line 11 / Line 7, if Line 7=0, enter 100%)	100.0000%
13	Transmission Net Plant		(Line 11 - Line 29)	1,884,770,466
14	Net Plant Allocator		(Line 13 / Line 10, if line 10=0, enter 100%)	100.0000%
Plant Calculations				
Transmission Plant				
15	Transmission Plant In Service	(Note B)	Attachment 5	2,225,427,008
16	New Trans. Plant Adds. for Current Calendar Year (13 average balance)	(Note B)	Attachment 6	4,225,652
17	Total Transmission Plant		(Line 15 + Line 16)	2,229,652,660
18	General & Intangible		Attachment 5	132,216,512
19	Total General & Intangible		(Line 18)	132,216,512
20	Wage & Salary Allocator		(Line 5)	100.0000%
21	Transmission Related General and Intangible Plant		(Line 19 * Line 20)	132,216,512
22	Transmission Related Plant		(Line 17 + Line 21)	2,361,869,172
Accumulated Depreciation				
23	Transmission Accumulated Depreciation	(Note B)	Attachment 5	423,684,841
24	Accumulated General Depreciation		Attachment 5	18,391,136
25	Accumulated Intangible Amortization		Attachment 5	30,797,077
26	Total Accumulated General and Intangible Depreciation		(Sum Lines 24 to 25)	49,188,213
27	Wage & Salary Allocator		(Line 5)	100.0000%
28	Transmission Related General & Intangible Accumulated Depreciation		(Line 26 * Line 27)	49,188,213
29	Total Transmission Related Accumulated Depreciation		(Line 23 + Line 28)	472,873,054
30	Total Transmission Related Net Property, Plant & Equipment		(Line 22 - Line 29)	1,888,996,118

Adjustment To Rate Base

Accumulated Deferred Income Taxes			
31	ADIT net of FASB 106 and 109	Enter Negative	Attachment 1
32	Transmission Related Accumulated Deferred Income Taxes		(Line 31)
			-439,078,615
33	Transmission Related CWIP (Current Year 13 Month weighted average balances)	(Note B)	p216.b.43 as shown on Attachment 6
			0
34	Transmission Related Land Held for Future Use	(Note C)	Attachment 5
			0
Transmission Related Pre-Commercial Costs Capitalized			
35	Unamortized Capitalized Pre-Commercial Costs		Attachment 5
			0
Prepayments			
36	Transmission Related Prepayments	(Note A)	Attachment 5
			585,057
Materials and Supplies			
37	Undistributed Stores Expense	(Note A)	Attachment 5
38	Wage & Salary Allocator		(Line 5)
			100.0000%
39	Total Undistributed Stores Expense Allocated to Transmission		(Line 37 * Line 38)
			0
40	Transmission Materials & Supplies		Attachment 5
			0
41	Transmission Related Materials & Supplies		(Line 39 + Line 40)
			0
Cash Working Capital			
42	Operation & Maintenance Expense		(Line 74)
			22,361,468
43	1/8th Rule		1/8
			12.5%
44	Transmission Related Cash Working Capital		(Line 42 * Line 43)
			2,795,184
45	Total Adjustment to Rate Base		(Lines 32 + 33 + 34 + 35+ 36 + 41 + 44)
			-435,698,374
46	Rate Base		(Line 30 + Line 45)
			1,453,297,743

O&M

Transmission O&M			
47	Transmission O&M		p321.112.b
			10,522,093
48	Less Account 566 Misc Trans Exp listed on line 73 below.)		(line 73)
			1,677,962
49	Less Account 565		p321.96.b
			0
50	Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note M)	PJM Data
			0
51	Plus Property Under Capital Leases		p200.4.c
			0
52	Transmission O&M		(Lines 47 - 48 - 49 + 50 + 51)
			8,844,131
A&G Expenses			
53	Total A&G		p323.197.b
			11,839,375
54	Less Property Insurance Account 924		p323.185.b
			464,574
55	Less Regulatory Commission Exp Account 928	(Note E)	p323.189.b
			0
56	Less General Advertising Exp Account 930.1		p323.191.b
			0
57	Less PBOP Adjustment		Attachment 5
			0
58	Less EPRI Dues	(Note D)	p352 & 353
			0
59	A&G Expenses		(Line 53) - Sum (Lines 54 to 58)
			11,374,801
60	Wage & Salary Allocator		(Line 5)
			100.0000%
61	Transmission Related A&G Expenses		(Line 59 * Line 60)
			11,374,801
Directly Assigned A&G			
62	Regulatory Commission Exp Account 928	(Note G)	Attachment 5
			0
63	General Advertising Exp Account 930.1	(Note J)	Attachment 5
			0
64	Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 62 + Line 63)
			0
65	Property Insurance Account 924		p323.185.b
			464,574
66	General Advertising Exp Account 930.1	(Note F)	Attachment 5
			0
67	Total Accounts 928 and 930.1 - General		(Line 65 + Line 66)
			464,574
68	Net Plant Allocator		(Line 14)
			100.0000%
69	A&G Directly Assigned to Transmission		(Line 67 * Line 68)
			464,574
Account 566 Miscellaneous Transmission Expense			
70	Amortization Expense on Pre-Commercial Cost	Account 566	Attachment 5
			0
71	Pre-Commercial Expense	Account 566	Attachment 5
			0
72	Miscellaneous Transmission Expense	Account 566	Attachment 5
			1,677,962
73	Total Account 566		Sum (Lines 70 to 72)
			1,677,962
74	Total Transmission O&M		(Lines 52 + 61 + 64 + 69 + 73)
			22,361,468

Depreciation & Amortization Expense			
Depreciation Expense			
75	Transmission Depreciation Expense	Attachment 5	45,361,531
76	General Depreciation	Attachment 5	2,975,586
77	Intangible Amortization	(Note A) Attachment 5	4,557,054
78	Total	(Line 76 + Line 77)	7,532,640
79	Wage & Salary Allocator	(Line 5)	100.0000%
80	Transmission Related General Depreciation and Intangible Amortization	(Line 78 * Line 79)	7,532,640
81	Total Transmission Depreciation & Amortization	(Lines 75 + 80)	52,894,171

Taxes Other than Income			
82	Transmission Related Taxes Other than Income	Attachment 2	14,047,689
83	Total Taxes Other than Income	(Line 82)	14,047,689

Return / Capitalization Calculations			
84	Preferred Dividends	enter positive p118.29.c	0
Common Stock			
85	Proprietary Capital	p112.16.c	955,421,227
86	Less Accumulated Other Comprehensive Income Account 219	p112.15.c	0
87	Less Preferred Stock	(Line 95)	0
88	Less Account 216.1	p112.12.c	0
89	Common Stock	(Line 85 - 86 - 87 - 88)	955,421,227
Capitalization			
90	Long Term Debt	(Note N)	624,903,453
91	Less Unamortized Loss on Reacquired Debt	p111.81.c	0
92	Plus Unamortized Gain on Reacquired Debt	p113.61.c	0
93	Less ADIT associated with Gain or Loss	Attachment 1	0
94	Total Long Term Debt	(Line 90 - 91 + 92 - 93)	624,903,453
95	Preferred Stock	p112.3.c	0
96	Common Stock	(Line 89)	955,421,227
97	Total Capitalization	(Sum Lines 94 to 96)	1,580,324,680
98	Debt %	Total Long Term Debt (Note N)	(Line 94 / Line 97) 39.5427%
99	Preferred %	Preferred Stock (Note N)	(Line 95 / Line 97) 0.0000%
100	Common %	Common Stock (Note N)	(Line 96 / Line 97) 60.4573%
101	Debt Cost	Total Long Term Debt	0.0394
102	Preferred Cost	Preferred Stock	0.0000
103	Common Cost	Common Stock (Note I)	The most recent FERC approved ROE 0.1170
104	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 98 * Line 101) 0.0156
105	Weighted Cost of Preferred	Preferred Stock	(Line 99 * Line 102) 0.0000
106	Weighted Cost of Common	Common Stock	(Line 100 * Line 103) 0.0707
107	Rate of Return on Rate Base (ROR)		(Sum Lines 104 to 106) 0.0863
108	Investment Return = Rate Base * Rate of Return	(Line 46 * Line 107)	125,441,169

Composite Income Taxes

Income Tax Rates			
109	FIT=Federal Income Tax Rate	(Note H)	21.00%
110	SIT=State Income Tax Rate or Composite		7.41%
111	p	(percent of federal income tax deductible for state purp Per State Tax Code	0.00%
112	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$	26.86%
113	T/(1-T)		36.72%
114	Income Tax Component =	$CIT=(T/1-T) * Investment\ Return * (1-(WCLTD/R)) =$	[Line 113 * Line 108 * (1- (Line 104 / Line 107))]
114a	(Excess)/Deficient Deferred Income Taxes	(Note O)	(Attachment 1.1, Line 40, Col. H)
115	Total Income Taxes		(Line 114 + Line 114a)
			37,747,726
			2,059,158
			39,806,884

REVENUE REQUIREMENT

Summary			
116	Net Property, Plant & Equipment	(Line 30)	1,888,996,118
117	Total Adjustment to Rate Base	(Line 45)	-435,698,374
118	Rate Base	(Line 46)	1,453,297,743
119	Total Transmission O&M	(Line 74)	22,361,468
120	Total Transmission Depreciation & Amortization	(Line 81)	52,894,171
121	Taxes Other than Income	(Line 83)	14,047,689
122	Investment Return	(Line 108)	125,441,169
123	Income Taxes	(Line 115)	39,806,884
124	Gross Revenue Requirement	(Sum Lines 119 to 123)	254,551,382

Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities			
125	Transmission Plant In Service	(Line 22)	2,361,869,172
126	Excluded Transmission Facilities	(Note L) Attachment 5	0
127	Included Transmission Facilities	(Line 125 - Line 126)	2,361,869,172
128	Inclusion Ratio	(Line 127 / Line 125)	100.00%
129	Gross Revenue Requirement	(Line 124)	254,551,382
130	Adjusted Gross Revenue Requirement	(Line 128 * Line 129)	254,551,382
131	Revenue Credits		
131	Revenue Credits	Attachment 3	3,480,831
132	Net Revenue Requirement	(Line 130 - Line 131)	251,070,551

Net Plant Carrying Charge			
133	Net Revenue Requirement	(Line 132)	251,070,551
134	Net Transmission Plant + CWIP	(Line 17 - Line 23 + Line 33)	1,805,967,819
135	FCR	(Line 133 / Line 134)	13.9023%
136	FCR without Depreciation	(Line 133 - Line 75) / Line 134	11.3905%
137	FCR without Depreciation and Pre-Commercial Costs	(Line 133 - Line 70 - Line 71 - Line 75) / Line 134	11.3905%
138	FCR without Depreciation, Return, nor Income Taxes	(Line 133 - Line 75 - Line 108 - Line 115) / Line 134	2.2404%

Net Plant Carrying Charge Calculation with Incentive ROE			
139	Net Revenue Requirement Less Return and Taxes	(Line 132 - Line 122 - Line 123)	85,822,497
140	Increased Return and Taxes	Attachment 4	177,260,597
141	Net Revenue Requirement with Incentive ROE	(Line 139 + Line 140)	263,083,094
142	Net Transmission Plant + CWIP	(Line 17 - Line 23+ Line 33)	1,805,967,819
143	FCR with Incentive ROE	(Line 141 / Line 142)	14.5674%
144	FCR with Incentive ROE without Depreciation	(Line 141 - Line 75) / Line 142	12.0557%
145	FCR with Incentive ROE without Depreciation and Pre-Commercial	(Line 141 - Line 70 - Line 71 - Line 75) / Line 142	12.0557%
146	Net Revenue Requirement	(Line 132)	251,070,550.62
147	Reconciliation amount	Attachment 6	21,760,991.27
148	Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones	Attachment 7	5,738,533.91
149	Facility Credits under Section 30.9 of the PJM OATT	Attachment 5	0.00
150	Net Zonal Revenue Requirement	(Line 146 + 147 + 148 + 149)	278,570,075.79

Network Zonal Service Rate			
151	1 CP Peak	(Note K) PJM Data	N/A
152	Rate (\$/MW-Year)	(Line 150 / 151)	N/A
153	Network Service Rate (\$/MW/Year)	(Line 152)	N/A

Notes

- A Electric portion only
- B For both the estimate and the reconciliation, Construction Work In Progress ("CWIP") and leases that are expensed as O&M (rather than amortized) are excluded.
- For the Estimate Process:**
Transmission plant in service will show the end of year balance and is linked to Attachment 5 which shows detail support by project.
The transmission plant will agree to or be reconciled to the FERC Form 1 balance for the transmission plant.
New Transmission Plant expected to be placed in service in the current calendar year will be based on the average of 13 monthly investment costs and shown separately detailed by project on Attachment 6.
Accumulated depreciation will show the end of year balance and is linked to Attachment 5 which shows detail support by project.
CWIP will be linked to Attachment 6 which shows detail support by project (incentive and non-incentive).
- For the Reconciliation Process:**
Transmission plant in service will be calculated using a 13 month average balance and will be detailed on Attachment 5. This includes new transmission plant added to plant-in-service
Accumulated depreciation will be calculated using a 13 month average balance and will be detailed on Attachment 5. This includes accumulated depreciation associated with current year transmission plant.
CWIP will be linked to Attachment 6 which shows detail support by project (incentive and non-incentive).
- C Includes Transmission portion only and (i) only land that has an estimated in-service date within 10 years may be included and (ii) a plan for the land's use is required to be included in the filing whenever the cost of the land is proposed to be included in rates.
- D Excludes all EPRI Annual Membership Dues
- E Excludes all Regulatory Commission Expenses
- F Includes Safety related advertising included in Account 930.1
- G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
- H 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. If the utility includes taxes in more than one state, it must explain in Attachment 5 the name of each state and how the blended or composite SIT was developed.
- I ROE will be established in the Commission order accepting the settlement in Docket No. ER07-562 and no change in ROE will be made absent a Section 205 or Section 206 filing at FERC.
- J Education and outreach expenses relating to transmission, for example siting or billing
- K As provided for in Section 34.1 of the PJM OATT; the PJM established billing determinants will not be revised or updated in the annual rate reconciliations.
- L Amount of transmission plant excluded from rates per Attachment 5.
- M Payments made under Schedule 12 of the PJM OATT that are not directly assessed to load in the Zone under Schedule 12 are included in Transmission O&M on Line 47. If they are booked to Acct 565, they are included on Line 50. Copies of PJM invoices will be provided upon request.
- N The capital structure will remain 50% equity and 50% debt until construction of all of the segments of the TrAIL Project is completed and the entire TrAIL Project is placed in service. The first year that these projects are in service the formula will be run based on the 50/50 capital structure and on the actual year end capital structure. The two results will be weighted based on: the number of days the last project was in service and 365 day minus the numbers of days the last project was in service divided by 365 days.
This can be illustrated using the following example:
- Example:
- Assume Last Project goes into service on day 260.
Hypothetical Capital Structure until the last project goes into service is 50/50.
Assume Year End actual capital structure is 60% equity and 40% debt.
- Therefore: $\text{Weighted Equity} = [50\% \cdot 260 + 60\% \cdot (365 - 260)] / 365$
- O Upon enactment of changes in tax law, income tax rates and other actions taken by a taxing authority, deferred taxes are re-measured and adjusted in the Company's books of account, resulting in

Trans-Allegheny Interstate Line Company
 Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

Attachment H-18A, Attachment I
 page 1 of 1
 For the 12 months ended 12/31/

Line	Trans-Allegheny Interstate Company							
	B1 <i>Beg of Year Total</i>	B2 <i>End of Year Total</i>	B3 <i>End of Year for Est. Average for Final Total</i>	C <i>Retail Related</i>	D <i>Only Transmission Related</i>	E <i>Plant Related</i>	F <i>Labor Related</i>	G <i>Total ADIT</i>
1 ADIT- 282 From Account Total Below	569,306,013	566,137,535	566,137,535		566,137,535	-	-	566,137,535
2 ADIT-283 From Account Total Below	82,311,791	94,041,689	94,041,689		60,783,327	-	-	60,783,327
3 ADIT-190 From Account Total Below	(182,081,741)	(189,521,530)	(189,521,530)		(187,842,247)	-	-	(187,842,247)
4 Subtotal					439,078,615	-	-	439,078,615
5 Wages & Salary Allocator								
6 Gross Plant Allocator								
7 ADIT					439,078,615	-	-	439,078,615

Enter Negative

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 93.
 Amount

0 < From Acct 283, below

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns C-F and each separate ADIT item will be listed, Dissimilar items with amounts exceeding \$100,000 will be listed separately.

A	B1	B2	B3	C	D	E	F	G	
Trans-Allegheny Interstate Company									
ADIT-190	Beg of Year Balance p234.18.b	End of Year Balance p234.18.c	End of Year for Est. Average for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Accelerated Tax Depr-FED-Norm	6.00	-	-						Additional tax depreciation over book
Accum Prov For Inj and Damage-Gen Liability	-	134,288.00	134,288.00			134,288.00			Book accrual not deductible for tax until paid
Charitable Contribution - VA RTA	70.00	62.00	62.00		62.00				Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
Charitable Contribution - WV RTA	1,648.00	1,648.00	1,648.00		1,648.00				Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
Charitable Contribution Carryforward	4,559.00	1,978.00	1,978.00		1,978.00				Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
CIAC-Fed-Norm	1,242,530.00	1,247,063.00	1,247,063.00			1,247,063.00			Taxable CIAC
CIAC-Fed-Norm-Incurred-CWIP	1,892,584.00	1,892,585.00	1,892,585.00			1,892,585.00			Taxable CIAC
CIAC-MD-Norm-Incurred-CWIP	21,594.00	21,594.00	21,594.00			21,594.00			Taxable CIAC
CIAC-PA-Norm	96,435.00	97,380.00	97,380.00			97,380.00			Taxable CIAC
CIAC-PA-Norm-Incurred-CWIP	71,175.00	71,175.00	71,175.00			71,175.00			Taxable CIAC
CIAC-VA-Norm	(34,093.00)	(35,624.00)	(35,624.00)			(35,624.00)			Taxable CIAC
CIAC-VA-Norm-Incurred-CWIP	20,558.00	20,558.00	20,558.00			20,558.00			Taxable CIAC
CIAC-WV-Norm	94,259.00	94,623.00	94,623.00			94,623.00			Taxable CIAC
CIAC-WV-Norm-Incurred-CWIP	157,677.00	157,678.00	157,678.00			157,678.00			Taxable CIAC
Deferral Amortization of Excess Deferred Income Taxes	3,554,796.00	2,807,036.00	2,807,036.00			2,807,036.00			Resulting from deferral of refund of excess ADIT due to customers
FASB 109 Gross-UP	980,373.27	18,982,832.19	18,982,832.19			18,982,832.19			Reclass of the tax portion (gross-up) for property items included in account 190
Federal NOL	87,317,982.00	92,124,244.00	92,124,244.00			92,124,244.00			Result of bonus depreciation
General Business Credit Carryforward	176,874.00	220,419.00	220,419.00		220,419.00				See #283 for FIN 48 Reserve related to this item. Similar to ATSI and MAIT in that offset it booked to Tax Reg Liab.
Merger Costs: D&O Insurance	459.00	346.00	346.00		346.00				Costs incurred as a result of Allegheny merging with FirstEnergy which are not to be included within the revenue requirement
Merger Costs: Licenses	21,202.00	15,974.00	15,974.00		15,974.00				Costs incurred as a result of Allegheny merging with FirstEnergy which are not to be included within the revenue requirement
NOL Deferred Tax Asset - LT PA	(293,499.00)	(575,578.00)	(575,578.00)			(575,578.00)			Result of bonus depreciation
NOL Deferred Tax Asset - LT WV	18,499,318.00	18,690,314.00	18,690,314.00			18,690,314.00			Result of bonus depreciation
Other Reg Liability Misc	-	415,589.00	415,589.00		415,589.00				Temporary differences related to Sponsorships
**PA 2023 - 2031 corporate income tax gradual rate re	-	865,799.00	865,799.00			865,799.00			Resulting from deferral of PA refund of excess ADIT due to customers
Pension EDCP-SERP Payments	-	826.00	826.00			826.00			Pension related temporary difference associated with Service Company allocations
Pension/OPEB : Other Deferred Credit or Debit	635,490.00	618,315.00	618,315.00			618,315.00			Pension related temporary difference associated with Service Company allocations
PJM Revenue Over/Under Recovery	25,598.00	-	-			-			
Post Retirement Benefits SFAS 106 Accrual	-	3,362.00	3,362.00			3,362.00			Estimate based on December Reopen 1/17/2023. Will most likely reverse with 2022 Federal RTA process in Q3 2023.
Purchase Accounting-LTD FMV	1,070,112.00	1,023,267.00	1,023,267.00		1,023,267.00				Reflects the adjustments and subsequent amortization of the regulatory asset associated with the adjusted debt balances resulting from the FE/AYE merger (Offset is PAA - LT Regulatory Asset Amort below in 283)
State Income Tax Deductible	1,630,966.00	1,571,349.00	1,571,349.00			1,571,349.00			Deductions related to state income taxes
Tax Interest Capitalized-Fed-Norm	26,910,336.00	28,713,634.00	28,713,634.00			28,713,634.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-Fed-Norm-Incurred-CWIP	33,921,585.00	33,972,231.00	33,972,231.00			33,972,231.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm	381,231.00	409,776.00	409,776.00			409,776.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm-Incurred-CWIP	333,706.00	334,714.00	334,714.00			334,714.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm	657,421.00	788,366.00	788,366.00			788,366.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm-Incurred-CWIP	1,176,735.00	1,183,832.00	1,183,832.00			1,183,832.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm	456,910.00	488,077.00	488,077.00			488,077.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Incurred-CWIP	357,278.00	356,229.00	356,229.00			356,229.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm	2,455,556.00	2,679,594.00	2,679,594.00			2,679,594.00			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm-Incurred-CWIP	2,777,479.00	2,785,004.00	2,785,004.00			2,785,004.00			Actual amount of tax interest capitalized
Subtotal	186,616,910	212,180,559	212,180,559	-	1,679,283	210,501,276	-	-	
Less FASB 109 included above	4,535,169	22,655,667	22,655,667	-	-	22,655,667	-	-	
Less FASB 106 included above		3,362	3,362			3,362			
Total	182,081,741	189,521,530	189,521,530	-	1,679,283	187,842,247	-	-	
FAS 109 EDIT		(56,979,035)							
FAS 109 Other		75,961,867							

Instructions for Account 190:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.

3. ADIT items related only to Transmission are directly assigned to Column E.
4. ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
5. ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
6. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.
7. FAS109 related to Excess/Deficient ADIT ("EDIT"). Sum of Accounts 282 and 283 less Account 190 will sum to Attachment 1.1 total. Other FAS109 does not include EDIT.

PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B1	B2	B3	C	D	E	F	G	
	Trans-Allegheny Interstate Company								
			End of Year for Est. Average for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
ADIT- 282	Beg of Year Balance p274.9.b	End of Year Balance p275.9.k							
A&G Expenses Capitalized	13,588,845	13,932,591	13,932,591			13,932,591			Basis difference relating to A&G expense
Accelerated Tax Depreciation	516,039,594	549,769,508	549,769,508			549,769,508			Additional tax deprecation over book
Additional State Depreciation MD	3,905,917	4,630,777	4,630,777			4,630,777			Temporary difference for additional state depreciation allowed for MD tax return
Additional State Depreciation PA	10,151,631	12,188,372	12,188,372			12,188,372			Temporary difference for additional state depreciation allowed for PA tax return
Additional State Depreciation VA	4,971,979	5,785,191	5,785,191			5,785,191			Temporary difference for additional state depreciation allowed for VA tax return
Additional State Depreciation WV	47,590,579	51,154,023	51,154,023			51,154,023			Temporary difference for additional state depreciation allowed for WV tax return
AFUDC Debt	4,563,570	4,617,759	4,617,759			4,617,759			Portion of AFUDC Debt that relates to property and booked to account 282
Capitalized Vertical Tree Trimming	140,628	141,997	141,997			141,997			Temporary difference that is capitalized for book purposes but deductible for tax purposes
Cost of Removal	(2,304,123)	(39,698,500)	(39,698,500)			(39,698,500)			Temporary difference arising for removal of plant/property
FASB 109 Gross-Up	(167,035,439)	(168,833,179)	(168,833,179)			(168,833,179)			Reclass of the tax portion (gross-up) for property items included in account 282
Other Basis Differences	(32,726,582)	(39,945,542)	(39,945,542)			(39,945,542)			Other property related temporary differences
T&D Repairs	3,383,974	3,561,357	3,561,357			3,561,357			Repair deduction on capitalized book asset deductible for tax purposes under Rev. Proc. 2011-43
Subtotal	402,270,574	397,304,356	397,304,356	-	-	397,304,356	-	-	
Less FASB 109 included above	(167,035,439)	(168,833,179)	(168,833,179)			(168,833,179)			
Less FASB 106 included above									
Total	569,306,013	566,137,535	566,137,535			566,137,535			
FAS 109 EDIT		(179,586,105)							
FAS 109 Other		10,752,925							

Instructions for Account 282:

1. ADIT items related only to Retail Related Operations are directly assigned to Column C.
2. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
3. ADIT items related only to Transmission are directly assigned to Column E.
4. ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
5. ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
6. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.
7. FAS109 related to Excess/Deficient ADIT ("EDIT"). Sum of Accounts 282 and 283 less Account 190 will sum to Attachment 1.1 total. Other FAS109 does not include EDIT.

PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B1	B2	B3	C	D	E	F	G	
	Trans-Allegheny Interstate Company								
ADIT-283	Beg of Year Balance p276.19.b	End of Year Balance p277.19.k	End of Year for Est. Average for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
A&G Expenses-PA-Norm	-	(5)	(5)			(5)			Accounting change relating to A&G expense
Charitable Contribution State & Local RTA	2,618	2,517	2,517		2,517				Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
CIAC-Fed-Norm-Reversal-CWIP	1,892,595	1,892,595	1,892,595			1,892,595			Taxable CIAC
CIAC-MD-Norm	(72,234)	(74,796)	(74,796)			(74,796)			Taxable CIAC
CIAC-MD-Norm-Reversal-CWIP	21,815	21,816	21,816			21,816			Taxable CIAC
CIAC-PA-Norm-Reversal-CWIP	121,734	121,734	121,734			121,734			Taxable CIAC
CIAC-VA-Norm-Reversal-CWIP	14,553	14,553	14,553			14,553			Taxable CIAC
CIAC-WV-Norm-Reversal-CWIP	135,498	135,498	135,498			135,498			Taxable CIAC
Deferred Charge-EIB	62,188	14,275	14,275			14,275			Allocated portion of total liabilities relating to captive insurance
FASB 109 Gross-Up	24,468,684	26,836,357	26,836,357			26,836,357			Reclass of the tax portion (gross-up) for property items included in account 283
FIN 48 - R&D Credit	70,749	88,167	88,167		88,167				See note in #190 for General Business Tax Credit
PAA - LT Regulatory Asset Amort	1,070,112	1,023,267	1,023,267		1,023,267				Reflects the adjustments and subsequent amortization of adjusted debt balances associated with the FE/AYE merger
Pensions Expense	90,055	11,041	11,041			11,041			Estimate based on December Reopen 1/14/2022. Will most likely reverse with 2021 Federal RTA process in Q3 2022.
PJM Receivable	23,261,809	33,510,685	33,510,685		32,144,411	1,366,274			Comparison of actual to forecast revenues - non-property related
Post Retirement Benefits SFAS 106 Accrual	8,117	-	-			-			Estimate based on December Reopen 1/14/2022. Will most likely reverse with 2021 Federal RTA process in Q3 2022.
SC01 Timing Allocation	258,378	256,143	256,143			256,143			Timing differences related to service company allocations
Tax Interest Capitalized-Fed-Norm-Reversal-CWIP	32,576,354	33,701,408	33,701,408			33,701,408			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm-Reversal-CWIP	314,226	332,673	332,673			332,673			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm-Reversal-CWIP	1,059,701	1,183,970	1,183,970			1,183,970			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Reversal-CWIP	336,051	352,395	352,395			352,395			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm-Reversal-CWIP	2,596,271	2,763,439	2,763,439			2,763,439			Actual amount of tax interest capitalized
Valuation Allowance NOL WV	18,499,318	18,690,314	18,690,314			18,690,314			Valuation allowances recorded against state NOL carryforwards not expected to be realized
Subtotal	106,788,592	120,878,046	120,878,046		33,258,362	87,619,684	-	-	
Less FASB 109 included above	24,468,684	26,836,357	26,836,357			26,836,357			
Less FASB 106 included above	8,117								
Total	82,311,791	94,041,689	94,041,689		33,258,362	60,783,327	-	-	
FAS 109 EDIT		(41,378,394)							
FAS 109 Other		68,214,751							

Instructions for Account 283:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.
- FAS109 related to Excess/Deficient ADIT ("EDIT"). Sum of Accounts 282 and 283 less Account 190 will sum to Attachment 1.1 total. Other FAS109 does not include EDIT.

Trans-Allegheny Interstate Line Company

Attachment H-18A, Attachment I.1

Attachment 1.1 - Excess & Deficient ADIT

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For the 12 months ended 12/31/

COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H	COLUMN I	COLUMN J	COLUMN K	COLUMN L	
Line No.	Vintage (Note A)	Description	(Excess)/Deficient ADIT Transmission Remeasured Balance as of 12/31/XX (Attachment 1.2 Col. J)	(Excess)/Deficient ADIT Transmission - Beg Balance of Year (Note C)	Current Period Other Activity (Note D)	Amortization Period (Note E)	Years Remaining at Year End	Amortization (Note F)	(Excess)/Deficient ADIT Transmission - Ending Balance of Year (Note G) (Col. D + Col. E) - Col. H	Protected / Unprotected	Regulatory Asset (Account 182.3) or Regulatory Liability (Account 254)	Amortized to Account 410.1 or Account 411.1
Non-property (Note B):												
Account 190												
1d	2023	Federal Long Term		51,407,605		20	15	3,212,975	48,194,630	Protected	Asset (182.3)	410.1
	2023	Federal Long Term		500,752		20	15	31,297	469,455	Unprotected	Asset (182.3)	410.1
1g	2023	NOL Deferred Tax Asset - LT PA		(613,950)		20	15	(38,372)	(575,578)	Unprotected	Liability (182.3)	410.1
1h	2023	NOL Deferred Tax Asset - LT WV		(3,055,935)		20	15	(190,996)	(2,864,939)	Unprotected	Liability (182.3)	410.1
1i	2023	Pension/OPEB : Other Def Cr. or Dr.		635,490		41	36	17,175	618,315	Unprotected	Asset (182.3)	410.1
1j	2023	Purch Acct-LTD FMV		237,864		10	5	39,644	198,220	Unprotected	Asset (182.3)	410.1
Account 282												
Account 283												
3b	2023	PAA - LT Regulatory Asset Amort		(237,864)		10	5	(39,644)	(198,220)	Unprotected	Liability (182.3)	410.1
3e	2023	Valuation Allowance NOL WV		3,055,935		20	15	190,996	2,864,939	Unprotected	Asset (182.3)	410.1
Non-property gross up for Taxes				19,296,857	(228,281)			1,183,508	17,885,067			
5	2023	Total Non-Property	-	71,226,755	(228,281)			4,406,583	66,591,890			
Property (Note B):												
6	2023	Property Book-Tax Timing Difference - Account 190				ARAM	ARAM		-	Protected	Asset	410.1
7	2023	Property Book-Tax Timing Difference - Account 190		(16,286,978)	(170,000)	ARAM	ARAM	(25,737)	(16,431,241)	Unprotected	Liability	411.1
8	2023	Property Book-Tax Timing Difference - Account 190				ARAM	ARAM		-	Protected	Liability	411.1
9	2023	Property Book-Tax Timing Difference - Account 190		26,735,398	670,965	ARAM	ARAM	242,441	27,163,922	Unprotected	Asset	410.1
10	2023	Property Book-Tax Timing Difference - Account 282		15,386,953	1,639,595	ARAM	ARAM	279,659	16,746,889	Protected	Asset	410.1
11	2023	Property Book-Tax Timing Difference - Account 282		(7,608,237)	(1,162,192)	ARAM	ARAM	(142,868)	(8,627,561)	Unprotected	Liability	411.1
12	2023	Property Book-Tax Timing Difference - Account 282		(200,511,143)	(12,930,108)	ARAM	ARAM	(2,318,743)	(211,122,509)	Protected	Liability	411.1
13	2023	Property Book-Tax Timing Difference - Account 282		14,692,454	11,531,920	ARAM	ARAM	253,757	25,970,616	Unprotected	Asset	410.1
14	2023	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Protected	Asset	410.1
15	2023	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Unprotected	Liability	411.1
16	2023	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Protected	Liability	411.1
17	2023	Property Book-Tax Timing Difference - Account 283				ARAM	ARAM		-	Unprotected	Asset	410.1
18	2023	Property Gross up for Taxes		(62,276,089)	(147,861)	ARAM	ARAM	(635,935)	(61,788,015)	Protected, Unprotected	Liability	411.1
19	2023	Total Property (Total of lines 6 thru 18)	-	(229,867,644)	(567,681)			(2,347,425)	(228,087,899)			

39	Deferral of Amortized Excess/Deficient ADITs (Note H)		
40	Total Non-Property & Property Amortization, including gross up for taxes (Total of lines 5, 19, 24, 38, 39)	2,059,158	
41	Total 20XX FAS109 (Total of lines 5, 19, 24, 38) (Note I)		(163,985,464)
42	Total 20XX FAS109 (Attachment 1) (Note I)		(163,985,464)

Notes:

- A Excess/deficient ADIT will be tracked separately for each federal or state tax rate change, to be identified by the appropriate vintage in column A. TrAILCo will modify Attachment 1.2 to add an additional page for each additional vintage without pursuing a Federal Power Act Section 205 filing.
- B Upon a tax rate change (federal or state), the Company remeasures its deferred tax assets and liabilities to account for the new applicable corporate tax rate. For schedule M items not directly taken to the P&L, the result of this remeasurement is a change to the net deferred tax assets/liabilities recorded in accounts 190, 282, and 283 with a corresponding change in regulatory assets (account 182.3) and regulatory liabilities (account 254) to reflect the return of/collection from excess/deficient deferred taxes to/from customers. The remeasurement is effectuated within PowerTax and Tax Provision, which maintain both the timing difference and APB11 deferred tax balance (the historical ADIT based on the timing difference and the rate in effect when the timing difference occurred). The difference in the two results is reclassified from ADIT to regulatory assets/liabilities for deficient/excess ADIT. Within the FERC Form 1, deficient and excess ADITs in Account 182.3 and Account 254, respectively are presented grossed-up for tax purposes. For ratemaking purposes, these grossed-up balances are treated as FAS109 and subsequently removed from rate base, thereby ensuring rate base neutrality for tax rate changes. The Company would follow the process described above to remeasure ADIT balances (increase or decrease) due to any future federal or state income tax rate change.
- C Beginning balance of year is the end of the prior year balance as reflected on FERC Form No. 1, pages 232 (Account 182.3) and 278 (Account 254)
- D In the event the Company populates the data enterable fields, it will support the data entered as just and reasonable in its annual update
- E The amortization periods shall be consistent with the following:
 Protected Property & Non-Protected Property: ARAM, or directly assigned based on average remaining life of assets for property items not in PowerTax
 Protected Non-Property & Non-Protected Non-Property will be directly assigned and presented in the table above
- F The amortization will occur through FERC income statement Accounts 410.1 and 411.1
- G Ending balance of year is the end of current year balance, as reflected on FERC Form No. 1, pages 232 (Account 182.3) and 278 (Account 254)
- H Reflects the net amount of amortization, including gross-up for taxes, from prior period(s) that was booked for GAAP, but deferred for FERC purposes because a mechanism did not exist to pass back/collect excess/deficient ADITs to/from customers. The net amortized deferral amount, including the gross-up for taxes, is in Account 254, as reflected on FERC Form No. 1, page 278 or Account 182.3, as reflected on FERC Form No. 1, page 232.
- I Included to demonstrate rate base neutrality. Ties back to FERC Form No. 1 page 232 (Account 182.3) plus page 278 (Account 254).

Line No.	Vintage (Note A)	M Item	COLUMN C		COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H	COLUMN I	COLUMN J	COLUMN K	COLUMN L
			Deferred Tax Asset (Liability) (Note B)	12/31/2022 ADIT Balance (Prior to 2023 PA State Tax)	12/31/2022 ADIT Balance (After 2023 PA State Tax)	Change in ADIT due to 2023 PA State Tax	ADIT Offset to P&L (Note B)	(Excess) Deficient Deferred Income Taxes (Notes B & C)	(Excess) Deficient Deferred Income Tax Activity post tax remeasurement	2022 Return-to-Accrual Adjustment (Recorded in 2023)	(Excess)/Deficient ADIT Transmission Remeasured Balance (= Col. G + Col. H + Col. I)	Protected / Unprotected	Regulatory Asset (Account 182.3) or Regulatory Liability (Account 254) as of 12/31/22
Non-Property Related Items:													
190 Accounts													
1a	2023	Charitable Contribution Carryforward	1994.88	1977.8	-17.08	17.08	0	0	0	0	0	N/A	
1b	2023	Charitable Contribution State & Local RTA	-2616.81	-2517.18	99.63	-99.63	0	0	0	0	0	N/A	
1c	2023	Deferral Amortization of Excess Def Income Taxes	2831265.64	2807035.83	-24229.81	24229.81	0	0	0	0	0	N/A	
1d	2023	Merger Costs: D&O Insurance	349.18	346.18	-3	3	0	0	0	0	0	N/A	
1e	2023	Merger Costs: Licenses	16111.8	15973.92	-137.88	137.88	0	0	0	0	0	N/A	
1f	2023	Other Reg Liability Misc	419176.61	415589.32	-3587.29	3587.29	0	0	0	0	0	N/A	
1g	2023	Pensions Expense	-11136.52	-11041.22	95.3	-95.3	0	0	0	0	0	N/A	
1h	2023	Post Retirement Benefits SFAS 106 Accrual	3390.66	3361.64	-29.02	29.02	0	0	0	0	0	N/A	
1i	2023	Purch Acct-LTD FMV	832168.89	825047.23	-7121.66	7121.66	0	0	0	0	0	N/A	
2		Total For 190 Accounts:	4,090,704	4,055,774	(34,931)	34,931							
282 Accounts													
3a													
4		Total For 282 Accounts:	-	-	-	-	-	-	-	-	-	-	-
283 Accounts													
5a	2023	Accum Prov For Inj and Damage-Gen Liability	135,448	134,289	(1,159)	1,159	-	-	-	-	-	N/A	
5b	2023	Deferred Charge-EIB	(14,398)	(14,275)	123	-	(123)	-	-	-	(123)	Unprotected	182
5c	2023	PAA - LT Regulatory Asset Amort	(832,169)	(825,047)	7,122	(7,122)	-	-	-	-	-	N/A	
5d	2023	Pension EDCP-SERP Payments	833	826	(7)	7	-	-	-	-	-	N/A	
5e	2023	PJM Receivable	(33,130,010)	(32,846,486)	283,525	(283,525)	-	-	-	-	-	N/A	
5f	2023	SC01 Timing Allocation	(258,354)	(256,143)	2,211	-	(2,211)	-	-	-	(2,211)	Unprotected	182
6		Total For 283 Accounts:	(34,098,650)	(33,806,835)	291,814	(289,480)	(2,334)	-	-	-	(2,334)		
Total Non-Property Related Items:													
7		Net (Excess) Deficient Deferred Income Taxes (excluding Gross-up)						(2,334)	-	-	(2,334)		
8		Net Tax Gross-up						(857)			(857)		
9		Net (Excess) Deficient Deferred Income Taxes (including Gross-up)						(3,191)			(3,191)		
Property Related Items:													
190 Accounts													
10a	2023	CIAC-PA-Norm	82,520	74,259	(8,260)	-	8,260	-	-	-	8,260	Unprotected	254
10b	2023	CIAC-PA-Norm-Incurred-CWIP	125,234	112,698	(12,536)	-	12,536	-	-	-	12,536	Unprotected	254
10c	2023	CIAC-PA-Norm-Reversal-CWIP	(125,235)	(112,699)	12,536	-	(12,536)	-	-	-	(12,536)	Unprotected	254
10d	2023	Tax Interest Capitalized-PA-Norm	1,961,029	1,764,729	(196,300)	-	196,300	-	-	-	196,300	Unprotected	254
10e	2023	Tax Interest Capitalized-PA-Norm-Incurred-CWIP	2,316,955	2,085,027	(231,928)	-	231,928	-	-	-	231,928	Unprotected	254
10f	2023	Tax Interest Capitalized-PA-Norm-Reversal-CWIP	(2,300,062)	(2,069,825)	230,237	-	(230,237)	-	-	-	(230,237)	Unprotected	254
11		Total For 190 Accounts:	2,060,440	1,854,189	(206,251)	-	206,251	-	-	-	206,251		
282 Accounts													
12a	2023	A&G Expenses-PA-Norm	(993,339)	(893,905)	99,434	-	(99,434)	-	-	-	(99,434)	Unprotected	254
12b	2023	Accelerated Tax Depr-PA-Norm	(28,935,261)	(26,038,829)	2,896,432	-	(2,896,432)	-	-	-	(2,896,432)	Protected	254
12c	2023	AFUDC Debt-PA-Norm	(279,839)	(251,827)	28,012	-	(28,012)	-	-	-	(28,012)	Unprotected	254
12d	2023	AFUDC Debt-PA-Norm-Incurred-CWIP	(336,787)	(303,075)	33,713	-	(33,713)	-	-	-	(33,713)	Unprotected	254
12e	2023	AFUDC Debt-PA-Norm-Reversal-CWIP	329,965	296,935	(33,030)	-	33,030	-	-	-	33,030	Unprotected	254
12f	2023	AFUDC Equity/FAS 43-PA-FT	(900,286)	(810,167)	90,119	-	(90,119)	90,119	-	-	-	N/A	
12g	2023	AFUDC Equity/FAS 43-PA-FT-Incurred-CWIP	(1,100,493)	(990,334)	110,160	-	(110,160)	110,160	-	-	-	N/A	
12h	2023	AFUDC Equity/FAS 43-PA-FT-Reversal-CWIP	1,073,539	966,077	(107,462)	-	107,462	(107,462)	-	-	-	N/A	
12i	2023	Cap Vertical Tree Trimming-PA-Norm	(9,450)	(8,504)	946	-	(946)	-	-	-	(946)	Unprotected	254
12j	2023	Cost of Removal-PA-Norm	2,467,178	2,220,212	(246,966)	-	246,966	-	-	-	246,966	Unprotected	254
12k	2023	Other Basis Differences-PA-Norm	2,473,543	2,225,940	(247,603)	-	247,603	-	-	-	247,603	Unprotected	254
12l	2023	R&D Cost-PA-Norm	(22,628)	(20,363)	2,265	-	(2,265)	-	-	-	(2,265)	Unprotected	254
12m	2023	Step Up-PA-Norm	1,282	1,153	(128)	-	128	-	-	-	128	Unprotected	254
12n	2023	Tax Depreciation Adjustment - PA	(605)	(605)	-	-	-	-	-	-	-	Unprotected	254
12o	2023	Tax UoP Repair Exp-PA-Norm	(215,159)	(193,621)	21,537	-	(21,537)	-	-	-	(21,537)	Unprotected	254
12p	2023	Tax UoP Repair Exp-PA-Norm-Incurred-CWIP	(59,622)	(53,654)	5,968	-	(5,968)	-	-	-	(5,968)	Unprotected	254
12q	2023	Tax UoP Repair Exp-PA-Norm-Reversal-CWIP	70,335	63,295	(7,041)	-	7,041	-	-	-	7,041	Unprotected	254
13		Total For 282 Accounts:	(26,437,628)	(23,791,271)	2,646,357	-	(2,646,357)	92,817	-	-	(2,553,540)		
Total Property Related Items:													
14		Net (Excess) Deficient Deferred Income Taxes (excluding Gross-up)						(2,440,106)	92,817	-	(2,347,289)		
15		Net Tax Gross-up						(144,470)	5,495	-	(138,975)		
16		Net (Excess) Deficient Deferred Income Taxes (including Gross-up)						(2,584,576)	98,312		(2,486,264)		
Total Property and Non-property Related Items:													
17		Net (Excess) Deficient Deferred Income Taxes (excluding Gross-up)						(2,442,441)	92,817	-	(2,349,623)		
18		Net Tax Gross-up						(145,327)	5,495	-	(139,832)		
19		Net (Excess) Deficient Deferred Income Taxes (including Gross-up)						(2,587,768)	98,312		(2,489,455)		

Notes:

- A Excess/deficient ADIT will be tracked separately for each federal or state tax rate change, to be identified by the appropriate vintage in column A. TrAILCo will modify Attachment 1.2 to add an additional page for each additional vintage without pursuing a Federal Power Act Section 205 filing.
- B Upon a tax rate change (federal or state), the Company remeasures its deferred tax assets and liabilities to the new applicable corporate tax rate. For schedule M items not directly taken to the P&L, the result of this remeasurement is a change to the net deferred tax assets/liabilities recorded in accounts 190, 282, and 283 with a corresponding change in regulatory assets (account 182.3) and regulatory liabilities (account 254) to reflect the return of/collection from excess/deficient deferred taxes to/from customers. The remeasurement is effectuated within PowerTax and Tax Provision, which maintain both the timing difference and APB11 deferred tax balance (the historical ADIT based on the timing difference and the rate in effect when the timing difference occurred). The difference in the two results is reclassified from ADIT to regulatory assets/liabilities for deficient/excess ADIT. Within the FERC Form 1, deficient and excess ADITs in Account 182.3 and Account 254, respectively are presented grossed-up for tax purposes. For ratemaking purposes, these grossed-up balances are treated as FAS109 and subsequently removed from rate base, thereby ensuring rate base neutrality for tax rate changes. The Company would follow the process described above to remeasure ADIT balances (increase or decrease) due to any future federal or state income tax rate change.
- C Reflects the end of 2017 balance, as reflected on FERC Form No. 1, pages 232 (Account 182.3) and 278 (Account 254)

Trans-Allegheny Interstate Line Company
Attachment 2 - Taxes Other Than Income Worksheet

Other Taxes	FERC Form No.1 page, line & Col	Amount	Allocator	Allocated Amount	
Plant Related		Gross Plant Allocator			
1.1	2021 State Property WV	p263.31(l)	5,220,395	100.0000%	\$ 5,220,395
1.2	2022 State Property WV	p263.32(l)	5,755,420	100.0000%	5,755,420
1.3	2021 State Property PA (Public Utility Realty)	p263.17(l)	39,628	100.0000%	39,628
1.4	2021 Local Property MD	p263.8(l)	759,766	100.0000%	759,766
1.5	2022 Local Property MD	p263.9(l)	799,420	100.0000%	799,420
1.6	2021 Local Property WV	p263.15(l)	4,082	100.0000%	4,082
1.7	2022 Local Property WV	p263.7(l)	4,116	100.0000%	4,116
1.8	2022 Local Property VA	p263.11(l)	1,405,966	100.0000%	1,405,966
1.9	2022 Local Property PA	p263.10(l)	4,157	100.0000%	4,157
2.0					0
2.1					0
3	Total Plant Related		<u>13,992,950</u>		<u>13,992,950</u>
Labor Related		Wages & Salary Allocator			
4	Accrued Federal FICA	p263.39(l)	52,858		
5	MD Filing Fee	p263.12			
6	Federal - Excise	p263.28(l)	1,881		
7	Federal - Other	p263.28(l)			
8	Total Labor Related		<u>54,739</u>	100.0000%	<u>54,739</u>
Other Included		Gross Plant Allocator			
9	State Sales/Use Tax PA	p263.18(i)			0
10					0
11					0
12	Total Other Included		<u>0</u>		<u>0</u>
13	Total Included (Lines 4 + 9 + 13)		<u>14,047,689</u>		<u><u>14,047,689</u></u> Input to Appendix A, Line 82
Retail Related Other Taxes to be Excluded					
14	Federal Income Tax	p263.22(l)	29,609,554		
15	Corporate Net Income Tax MD	p263.23(l)	89,439		
16	Corporate Net Income Tax PA	p263.24(l)	2,406,177		
17	Corporate Net Income Tax VA	p263.25(l)	54,902		
18	Corporate Net Income Tax WV	p263.26(l)	4,424,502		
19	Subtotal, Excluded		<u>36,584,574</u>		
20	Total, Included and Excluded (Line 14 + Line 20)		<u>50,632,263</u>		
21	Total Other Taxes from p114.14.c		<u>14,047,689</u>		
22	Difference (Line 20 - Line 21)		<u>36,584,574</u>		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Gross Plant Allocator. If the taxes are 100% recovered at retail they shall not be included.
- B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail they shall not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the Gross Plant Allocator; provided, however, that overheads shall be treated as in footnote B above.
- E Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

Trans-Allegheny Interstate Line Company

Attachment 3 - Revenue Credit Workpaper

		Amount	FERC Form No.1 page, line & Col
Account 454 - Rent from Electric Property			
1	Rent from Electric Property - Transmission Related (Note 3)	-	
2	Total Rent Revenues (Line 1)	-	
Account 456 - Other Electric Revenues (Note 1)			
3	Schedule 1A	-	
4	Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (difference between NITS credits from PJM and PJM NITS charges paid by Transmission Owner) (Note 4)	-	
5	Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner	3,480,831	p328-330 Footnote Data Schedule Page: 328 Line: 1 Column: m
6	PJM Transitional Revenue Neutrality (Note 1)	-	
7	PJM Transitional Market Expansion (Note 1)	-	
8	Professional Services (Note 3)	-	
9	Revenues from Directly Assigned Transmission Facility Charges (Note 2)	-	
10	Rent or Attachment Fees associated with Transmission Facilities (Note 3)	-	
11	Gross Revenue Credits (Sum Lines 2-10)	3,480,831	
12	Less line 14g	-	
13	Total Revenue Credits (Line 11 - Line 12)	<u>3,480,831</u>	Input to Appendix A, Line 131
Revenue Adjustment to determine Revenue Credit			
14a	Revenues associated with lines 14b-g are to be included in lines 2-10 and total of those revenues entered here	-	
14b	Costs associated with revenues in line 14a	-	
14c	Net Revenues (14a - 14b)	-	
14d	50% Share of Net Revenues (14c / 2)	-	
14e	Costs associated with revenues in line 14a that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.	-	
14f	Net Revenue Credit (14d + 14e)	-	
14g	Line 14a less line 14f	-	
15	Amount offset in line 4 above	-	
16	Total Account 454 and 456	3,480,831	
17	Note 1: All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on line 178 of Appendix A.		
18	Note 2: If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.		
19	Note 3: Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). Company will retain 50% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC ¶ 61,314. Note: in order to use lines 14a - 14g, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).		
20	Note 4: If the facilities associated with the revenues are not included in the formula, the revenue is shown here, but not included in the total above and explained in the Cost Support. For example revenues associated with distribution facilities. In addition Revenues from Schedule 12 of the PJM OATT are not included in the total above to the extent they are credited under Schedule 12 of the PJM OATT.		

Attachment 4 - Calculation with Incentive ROE

A	Return and Taxes at High End of the range of Reasonableness			
	Return and Taxes at High End of the range of Reasonableness	(Sum Lines 26 and 33 from below)	177,260,597	Input to Appendix A, Line 140
B	Difference between Base ROE and Incentive ROE		100	

Return Calculation

		Source Reference	
1	Rate Base	Appendix A, Line 46	1,453,297,743
2	Preferred Dividends	enter positive Appendix A, Line 84	0
Common Stock			
3	Proprietary Capital	Appendix A, Line 85	955,421,227
4	Less Accumulated Other Comprehensive Income Account 219	Appendix A, Line 86	0
5	Less Preferred Stock	Appendix A, Line 87	0
6	Less Account 216.1	Appendix A, Line 88	0
7	Common Stock	Appendix A, Line 89	955,421,227
Capitalization			
8	Long Term Debt	Appendix A, Line 90	624,903,453
9	Less Unamortized Loss on Reacquired Debt	Appendix A, Line 91	0
10	Plus Unamortized Gain on Reacquired Debt	Appendix A, Line 92	0
11	Less ADIT associated with Gain or Loss	Appendix A, Line 93	0
12	Total Long Term Debt	Appendix A, Line 94	624,903,453
13	Preferred Stock	Appendix A, Line 95	0
14	Common Stock	Appendix A, Line 96	955,421,227
15	Total Capitalization	Appendix A, Line 97	1,580,324,680
16	Debt %	Total Long Term Debt Appendix A, Line 98	39.5427%
17	Preferred %	Preferred Stock Appendix A, Line 99	0.0000%
18	Common %	Common Stock Appendix A, Line 100	60.4573%
19	Debt Cost	Total Long Term Debt Appendix A, Line 101	0.0394
20	Preferred Cost	Preferred Stock Appendix A, Line 102	0.0000
21	Common Cost	Common Stock	12.70% 0.1270
22	Weighted Cost of Debt	Total Long Term Debt (WCLTD) (Line 16 * 19)	0.0156
23	Weighted Cost of Preferred	Preferred Stock (Line 17 * 20)	0.0000
24	Weighted Cost of Common	Common Stock (Line 18 * 21)	0.0768
25	Rate of Return on Rate Base (ROR)	(Sum Lines 22 to 24)	0.0924
26	Investment Return = Rate Base * Rate of Return	(Line 1 * Line 25)	134,227,411

Composite Income Taxes

Income Tax Rates			
27	FIT=Federal Income Tax Rate	Appendix A, Line 109	21.00%
28	SIT=State Income Tax Rate or Composite	Appendix A, Line 110	7.41%
29	p = percent of federal income tax deductible for state purposes	Appendix A, Line 111	0.00%
30	T	Appendix A, Line 112	26.86%
31	T/(1-T)	Appendix A, Line 113	36.72%
32	Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	40,974,028
32a	(Excess)/Deficient Deferred Income Taxes	Appendix A, Line 114a	2,059,158
33	Total Income Taxes	(Line 32 + Line 32a)	43,033,186

Trans-Allegheny Interstate Line Company

Attachment 5 - Cost Support

Plant in Service Worksheet		Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		13 Month Balance for Reconciliation	EOY Balance for Estimate													
Calculation of Transmission Plant in Service		Source		Total	Total	Black Oak	Wylie Ridge	502 Junction - Tentera Line	Peter SS	Osgoithalby	Meadowbrook Transformer	North Shenandoah Transformer	Bedington Transformer	Meadowbrook Capacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	Doubs #4 Trans
December	p206.58.b	For 2021		2,208,555,632		49,493,758	17,751,593	1,071,688,971	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
January	company records	For 2022		2,208,584,027		49,485,661	17,751,518	1,071,687,517	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
February	company records	For 2022		2,211,140,990		49,490,037	17,751,639	1,071,689,865	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
March	company records	For 2022		2,211,953,444		49,491,958	17,751,578	1,071,688,691	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
April	company records	For 2022		2,211,104,701		51,019,657	17,751,578	1,070,300,572	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
May	company records	For 2022		2,210,219,462		51,048,231	17,751,578	1,070,300,572	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
June	company records	For 2022		2,210,452,111		50,991,415	17,751,578	1,070,330,411	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
July	company records	For 2022		2,217,344,761		51,752,762	17,751,578	1,070,375,564	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,686,053	5,691,588
August	company records	For 2022		2,212,904,792		51,198,218	17,751,578	1,070,328,960	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,183,241	4,720,023	5,691,588
September	company records	For 2022		2,218,227,663		51,236,177	18,929,853	1,071,198,020	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,183,241	4,720,023	5,691,588
October	company records	For 2022		2,217,987,314		51,280,195	18,947,861	1,071,141,170	2,129,108	24,580,181	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,183,241	4,720,023	5,691,588
November	company records	For 2022		2,222,403,802		51,281,186	18,948,905	1,071,236,065	2,129,108	24,597,506	8,206,718	1,923,902	8,594,398	6,486,620	39,616,235	5,184,331	4,721,113	5,691,588
December	p207.58.g	For 2022		2,225,427,008	2,225,427,008	51,282,479	18,948,782	1,072,783,010	2,129,108	24,597,504	8,206,718	1,923,902	8,639,466	6,486,620	39,616,235	5,194,241	4,721,024	5,691,588
15	Transmission Plant in Service			2,214,331,211	2,225,427,008	50,696,287	18,118,424	1,071,134,568	2,129,108	24,582,847	8,206,718	1,923,902	7,860,983	6,486,620	39,616,235	5,162,497	4,699,279	5,691,588

Details																	
Cabot SS	Armstrong	Farmers Valley Capacitor	Harvey Run Capacitor	Doubs SS	Meadowbrook SS	Grandview Capacitor	502 Jct Substation	Conemaugh-Seward	Luxor	Grandpoint & Guilford	Handsome Lake - Homer City	Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
7,289,121	15,623,164	2,026,395	832,202	5,021,663	61,544,357	657,191	18,643,135	28,397,235	1,199,446	1,780,893	12,863,994	36,258,505	3,329,830	569,408	44,015,846	4,942,684	438,837
7,288,968	15,623,149	2,025,641	832,202	5,021,611	61,543,479	657,191	19,002,088	28,396,698	1,199,446	1,780,889	12,863,994	36,258,505	3,329,830	569,408	44,015,732	4,942,684	438,837
7,289,214	15,623,174	2,026,859	832,202	5,021,695	61,546,299	657,191	19,582,877	28,397,728	1,199,446	1,780,896	12,863,994	36,258,505	3,329,830	569,408	44,015,587	4,942,684	438,837
7,289,091	15,623,161	2,026,250	832,202	5,021,653	62,231,087	657,191	19,896,731	28,397,213	1,199,446	1,780,893	12,863,994	36,258,505	3,329,830	569,408	44,015,568	4,942,684	438,837
7,289,091	15,623,161	2,026,250	832,202	5,021,653	61,550,292	657,191	19,929,223	28,397,213	1,199,446	1,780,893	12,863,994	36,258,505	3,329,830	569,408	44,016,267	4,942,684	438,837
7,289,091	15,623,161	2,026,250	832,202	5,021,653	61,550,292	657,191	19,786,453	28,397,213	1,199,446	1,780,893	12,863,994	36,258,505	3,329,830	569,408	44,015,933	4,942,684	438,837
7,289,091	15,623,161	2,026,248	832,202	5,021,653	61,581,935	657,191	19,906,197	28,397,210	1,199,446	1,780,892	12,863,994	36,258,505	3,329,830	569,408	44,015,933	4,942,684	438,837
7,289,091	15,623,161	2,026,248	832,202	5,021,653	61,581,935	657,191	20,883,434	28,397,210	1,199,446	1,780,892	12,863,994	36,258,505	3,329,830	569,408	44,017,381	4,942,684	438,837
7,277,786	15,623,161	2,026,248	832,202	5,021,653	61,683,846	657,191	19,605,097	28,397,210	1,199,446	1,780,892	12,863,994	36,258,505	3,329,830	569,408	44,016,821	4,942,684	438,837
8,042,874	15,623,183	2,027,332	832,202	5,021,728	61,655,864	657,191	19,616,719	28,398,127	1,199,446	1,780,899	12,863,994	36,258,505	3,329,830	569,408	44,018,624	4,942,684	438,837
8,115,687	15,622,018	1,973,563	832,202	5,021,505	61,701,811	657,191	19,667,350	28,394,520	1,199,446	1,780,892	12,863,994	36,258,505	3,329,830	569,408	44,019,407	4,942,684	438,837
8,118,981	15,634,349	1,973,563	832,202	5,240,673	62,762,317	657,191	19,671,932	28,394,520	1,199,446	1,780,892	12,863,994	36,258,505	3,329,830	569,408	44,019,710	4,942,684	438,837
8,125,330	15,637,097	2,137,892	832,202	5,368,954	62,806,520	657,191	19,691,193	28,395,093	1,199,446	1,780,897	12,863,994	36,258,505	3,329,830	569,408	44,019,722	4,942,684	438,837
7,537,955	15,625,008	2,026,825	832,202	5,111,365	61,826,156	657,191	19,682,484	28,396,715	1,199,446	1,780,893	12,863,994	36,258,505	3,329,830	569,408	44,017,116	4,942,684	438,837

		Johnstown SS																		Farmers Valley					Total		
		Capacitor																		Substation	Richwood Hill	Damascus SS	Warren Substation	Piercebrook SS	Flint Run Substation		
Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Richwood Hill	Damascus SS	Warren Substation	Piercebrook SS	Flint Run Substation	Total		
7,527,658	60,967,552	9,675,164	891,272	1,434,099	666,401	18,120,588	30,131,231	1,688,040	7,439,284	1,364,594	885,549	18,406,478	2,182,573	36,734,628	31,981,443	1,082,076	901,202	108,289,590	45,917,650	44,814,368	37,643,275	71,607,569	2,034,015	23,108,285	10,043,952	142,445,554.30	2,208,555,632
7,527,658	60,962,945	9,675,164	891,272	1,433,061	665,924	18,107,456	30,109,350	1,686,819	7,433,887	1,363,780	885,549	18,393,180	2,180,989	36,707,954	31,958,211	1,091,284	900,549	108,226,080	45,884,388	44,781,861	37,616,126	71,556,876	2,033,143	23,091,689	10,036,660	142,473,914.03	2,208,584,027
7,527,658	61,040,026	9,675,164	891,272	1,434,737	666,694	18,128,665	30,144,691	1,688,791	7,442,604	1,365,095	885,549	18,414,608	2,183,548	36,751,036	32,005,688	1,092,563	901,604	108,376,010	45,938,110	44,834,364	37,659,975	71,641,042	2,034,552	23,118,494	10,048,437	143,748,835.31	2,211,140,990
7,527,658	61,036,306	9,675,164	891,272	1,433,899	666,309	18,118,061	30,127,020	1,687,805	7,438,245	1,364,438	885,549	18,403,894	2,182,269	36,729,495	31,986,926	1,091,924	901,076	108,320,586	45,911,249	44,808,112	37,638,051	71,600,273	2,033,847	23,105,092	10,042,549	143,847,193.40	2,211,953,444
7,527,658	61,036,306	9,675,164	891,272	1,433,899	666,309	18,118,061	30,127,020	1,687,805	7,438,245	1,364,438	885,549	18,403,894	2,182,269	36,729,495	31,986,926	1,091,924	901,076	108,400,549	45,911,249	44,808,112	37,638,051	71,601,149	2,033,847	23,105,092	10,103,553	143,394,632.17	2,211,104,701
7,527,658	61,036,306	9,675,164	891,272	1,433,899	666,309	18,118,061	30,127,020	1,687,805	7,438,245	1,364,438	885,549	18,403,894	2,182,269	36,729,495	31,986,926	1,091,924	901,076	108,468,445	45,911,249	44,808,112	37,638,051	71,602,025	2,033,847	23,105,092	10,103,553	142,525,170.02	2,210,219,482
7,527,658	61,038,731	9,675,164	891,272	1,433,895	666,307	18,118,122	30,126,941	1,687,800	7,438,226	1,364,435	885,549	18,403,846	2,182,263	36,729,398	31,995,644	1,091,921	901,074	108,505,913	45,911,128	44,807,995	37,639,045	71,602,714	2,033,844	23,105,031	10,102,581	142,584,580.56	2,210,452,111
7,527,658	61,038,731	9,675,164	891,272	1,433,895	666,307	18,118,122	30,126,941	1,687,800	7,438,226	1,364,435	885,549	18,403,846	2,182,263	36,729,398	31,996,219	1,091,921	901,074	108,502,169	45,920,202	44,807,995	37,639,045	71,603,590	2,033,844	23,105,031	10,102,581	147,685,264.57	2,217,344,761
7,527,658	61,072,701	9,675,164	891,272	1,433,895	666,307	18,152,092	30,126,941	1,687,800	7,438,226	1,364,435	885,549	18,406,795	2,182,263	36,729,398	32,036,592	1,091,921	901,074	108,513,964	45,920,202	44,807,995	37,639,045	71,604,466	2,033,844	23,105,031	10,102,581	144,842,871.90	2,212,904,792
7,527,658	61,079,321	9,675,164	891,272	1,435,387	666,993	18,591,618	30,158,383	1,689,555	7,445,982	1,365,605	885,549	18,525,103	2,184,540	36,767,728	32,069,966	1,093,058	902,013	108,653,967	45,967,998	44,854,706	37,678,058	71,679,445	2,035,097	23,128,879	10,113,058	146,258,932.66	2,218,227,683
7,527,658	61,072,701	9,675,164	891,272	1,428,833	656,555	18,532,389	30,126,828	1,681,075	7,431,663	1,358,845	885,549	18,386,183	2,181,842	36,769,889	32,279,500	1,090,089	899,437	108,311,060	45,932,221	44,807,642	37,599,268	71,514,188	2,023,062	22,926,605	10,100,995	146,877,573.32	2,217,887,314
7,550,303	61,234,902	9,675,164	908,251	1,428,833	656,555	18,534,189	30,126,828	1,681,075	7,431,663	1,358,845	885,549	18,393,441	2,181,842	36,770,979	32,437,234	2,225,116	899,437	108,479,894	45,964,038	44,807,642	37,599,268	71,515,064	2,023,062	22,926,605	10,100,995	147,300,421.38	2,222,403,802
7,552,095	61,259,446	9,675,164	1,039,215	1,429,764	656,983	18,546,034	30,145,472	1,682,172	7,436,909	1,359,576	885,549	18,437,199	2,183,264	36,794,937	32,595,241	1,090,900	900,034	108,708,823	45,989,242	44,836,826	37,623,642	71,577,288	2,023,845	22,941,505	10,107,541	148,085,581.93	2,225,427,008
7,531,280	61,067,383	9,675,164	903,882	1,432,931	664,150	18,254,112	30,131,205	1,686,488	7,437,770	1,363,305	885,549	18,414,022	2,182,476	36,744,133	32,101,270	1,178,963	900,824	108,442,696	45,929,071	44,814,287	37,634,685	71,592,744	2,031,527	23,067,110	10,085,310	144,773,194	2,214,331,211

Trans-Allegheny Interstate Line

			Attachment 5 - Cost Supp	
			Link to Appendix A, line 15	Link to Appendix A, line 15
Calculation of Distribution Plant In Service				
	Source			
December	p206.75.b	For 2021	-	-
January	company records	For 2022	-	-
February	company records	For 2022	-	-
March	company records	For 2022	-	-
April	company records	For 2022	-	-
May	company records	For 2022	-	-
June	company records	For 2022	-	-
July	company records	For 2022	-	-
August	company records	For 2022	-	-
September	company records	For 2022	-	-
October	company records	For 2022	-	-
November	company records	For 2022	-	-
December	p207.75.g	For 2022	-	-
Distribution Plant In Service			-	-
Calculation of Intangible Plant In Service				
	Source			
December	p204.5.b	For 2021	47,747,742	-
December	p205.5.g	For 2022	50,700,074	50,700,074
18	Intangible Plant In Service		49,223,908	50,700,074
			Link to Appendix A, line 18	Link to Appendix A, line 18
Calculation of General Plant In Service				
	Source			
December	p206.99.b	For 2021	80,265,575	-
December	p207.99.g	For 2022	81,516,438	81,516,438
18	General Plant In Service		80,891,007	81,516,438
			Link to Appendix A, line 18	Link to Appendix A, line 18
Calculation of Production Plant In Service				
	Source			
December	p204.46b	For 2021	-	-
January	company records	For 2022	-	-
February	company records	For 2022	-	-
March	company records	For 2022	-	-
April	company records	For 2022	-	-
May	company records	For 2022	-	-
June	company records	For 2022	-	-
July	company records	For 2022	-	-
August	company records	For 2022	-	-
September	company records	For 2022	-	-
October	company records	For 2022	-	-
November	company records	For 2022	-	-
December	p205.46.g	For 2022	-	-
Production Plant In Service			-	-
6	Total Plant In Service	Sum of averages above	2,344,446,126	2,357,643,520
			Link to Appendix A, line 6	Link to Appendix A, line 6

Trans-Allegheny Interstate Line Company
 Attachment 5 - Cost Support

Accumulated Depreciation Worksheet				Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions														
				13 Month Balance for Reconciliation	EOY Balance for Estimate													
Calculation of Transmission Accumulated Depreciation																		
	Source			Black Oak	Wylie Ridge	902 Junction - Terrestrial Line	Peter SS	Osage Whiskey	Meadowbrook Transformer	North Shenandoah	Bedington Transformers	Meadowbrook Capacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	Doubs #4 Trans	Cabot SS	
December	Prior year FERC Form 1 p219.25.b	For 2021	381,156,452	18,847,557.22	1,400,444	223,241,410	312,181	4,890,295	2,222,717	443,578	2,085,064	1,745,648	10,144,717	1,078,027	854,301	1,641,428	1,440,296	
January	company records	For 2022	385,029,154	18,966,823	1,454,759	225,149,257	315,126	4,908,084	2,249,822	446,945	2,098,580	1,757,738	10,214,046	1,085,935	891,213	1,653,892	1,462,067	
February	company records	For 2022	388,891,816	19,086,084	1,503,073	227,046,250	318,072	4,955,873	2,276,822	450,312	2,112,097	1,769,828	10,283,374	1,093,842	898,125	1,666,356	1,474,838	
March	company records	For 2022	392,761,988	19,205,350	1,551,388	228,949,273	321,017	5,003,662	2,263,380	453,679	2,125,613	1,781,918	10,352,702	1,101,750	905,037	1,678,821	1,487,609	
April	company records	For 2022	396,677,367	19,325,955	1,599,702	230,855,769	323,962	5,051,451	2,278,942	457,045	2,139,129	1,794,009	10,422,031	1,109,637	911,949	1,691,295	1,500,390	
May	company records	For 2022	400,564,118	19,447,922	1,648,017	232,814,971	326,908	5,099,240	2,290,505	460,412	2,152,645	1,806,099	10,491,359	1,117,565	918,861	1,703,749	1,513,151	
June	company records	For 2022	404,437,014	19,569,876	1,696,331	234,721,467	329,853	5,147,029	2,304,067	463,779	2,166,161	1,818,189	10,560,688	1,125,472	925,773	1,716,213	1,525,922	
July	company records	For 2022	408,414,380	19,692,435	1,744,645	236,726,776	332,798	5,194,819	2,317,630	467,146	2,179,678	1,830,279	10,630,016	1,133,380	932,695	1,728,677	1,538,693	
August	company records	For 2022	409,298,782	19,815,175	1,792,960	238,664,330	335,743	5,242,607	2,331,192	470,513	2,193,194	1,842,369	10,699,344	1,141,287	939,656	1,741,141	1,556,372	
September	company records	For 2022	409,977,532	19,937,461	1,842,305	234,371,188	338,689	5,290,395	2,344,755	473,880	2,206,710	1,854,459	10,768,673	1,149,195	946,687	1,753,606	1,539,792	
October	company records	For 2022	415,946,345	20,059,746	1,892,694	236,748,472	341,634	5,338,184	2,358,317	477,246	2,220,226	1,866,550	10,838,001	1,157,102	953,715	1,766,070	1,553,941	
November	company records	For 2022	419,854,421	20,182,000	1,943,095	240,371,469	344,579	5,385,988	2,371,880	480,613	2,233,742	1,878,640	10,907,330	1,165,010	960,534	1,778,534	1,566,152	
December	p219.25.b	For 2022	423,684,841	423,684,841	1,993,498	242,223,220	347,524	5,433,823	2,385,442	483,980	2,247,258	1,890,730	10,976,656	1,172,918	968,964	1,790,988	1,582,371	
23	Transmission Accumulated Depreciation		402,745,707	19,572,357	1,697,608	232,917,219	329,853	5,147,035	2,304,071	463,779	2,166,161	1,818,189	10,560,688	1,125,472	925,994	1,716,213	1,517,122	
				Link to Appendix A, line 23														

Details																
Armstrong	Farmers Valley Capacitor	Harvey Run Capacitor	Doubs SS	Meadowbrook SS	Grandview Capacitor	502 Jct Substation	Conemaugh Seward	Luxor	Grandpoint & Guilford	Handsome Lake - Homer City	Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
1,125,144	2,503,823	156,680	138,168	808,624	9,563,471	114,119	4,714,678	184,879	281,291	2,117,848	5,702,528	525,223	88,425	6,960,809	805,690	68,138
1,135,522	2,531,535	158,321	137,624	818,293	9,669,732	115,270	4,770,017	186,991	284,396	2,140,897	5,765,980	531,050	89,421	7,037,839	814,365	68,906
1,145,900	2,559,248	159,962	139,080	826,963	9,775,994	116,422	4,825,356	189,103	287,502	2,163,945	5,829,433	536,877	90,417	7,114,869	823,040	69,674
1,156,278	2,586,958	161,603	140,537	835,633	9,882,255	117,573	4,880,695	191,216	290,607	2,186,994	5,892,885	542,704	91,414	7,191,898	831,715	70,442
1,166,655	2,614,669	163,244	141,993	844,303	9,988,516	118,724	4,936,035	193,328	293,713	2,210,043	5,956,338	548,532	92,410	7,268,928	840,390	71,210
1,177,033	2,642,381	164,885	143,449	852,973	10,094,777	119,875	4,991,374	195,440	296,818	2,233,091	6,019,790	554,359	93,407	7,345,959	849,065	71,978
1,187,411	2,670,092	166,526	144,906	861,642	10,201,038	121,026	5,046,713	197,552	299,924	2,256,140	6,083,242	560,186	94,403	7,422,989	857,741	72,746
1,197,788	2,697,804	168,167	146,362	870,312	10,307,299	122,177	5,102,052	199,664	303,029	2,279,188	6,146,695	566,013	95,400	7,500,020	865,416	73,514
1,208,166	2,725,515	169,807	147,818	878,982	10,413,561	123,328	5,157,391	201,776	306,135	2,302,237	6,210,147	571,840	96,396	7,577,053	873,091	74,282
1,218,544	2,753,227	171,448	149,275	887,652	10,519,822	124,479	5,212,730	203,888	309,240	2,325,286	6,273,600	577,668	97,393	7,654,086	883,766	75,050
1,228,921	2,780,937	173,089	150,731	896,322	10,625,689	125,631	5,268,036	206,000	312,346	2,348,334	6,337,052	583,495	98,389	7,731,120	892,441	75,818
1,239,299	2,808,657	174,730	152,188	904,992	10,731,556	126,782	5,323,310	208,112	315,451	2,371,382	6,400,504	589,322	99,388	7,808,155	901,115	76,586
1,249,677	2,836,369	176,371	153,644	913,662	10,837,423	127,933	5,378,595	210,224	318,557	2,394,430	6,465,166	595,149	100,382	7,885,189	909,769	77,354
1,187,411	2,670,095	166,526	144,906	861,643	10,200,856	121,026	5,046,690	197,552	299,924	2,256,140	6,083,335	560,186	94,403	7,422,993	857,740	72,746

Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascus SS	Warren Substation	Piercebreek SS	Flint Run Substation	Total
1,059,825	10,335,761	1,350,658	132,909	198,669	85,534	3,057,722	5,668,146	281,977	1,068,100	184,894	74,301	2,926,525	302,843	4,857,298	2,799,985	141,583	118,960	10,247,461	5,765,722	7,531,885	4,480,084	9,217,334	281,920	2,206,600	518,173	290,779	381,156,452
1,072,798	10,468,502	1,366,756	134,469	201,292	86,746	3,098,476	5,742,527	285,654	1,081,699	187,434	75,243	2,973,153	306,759	4,920,189	2,846,868	143,844	120,599	10,421,106	5,866,700	7,641,427	4,555,985	9,365,052	285,562	2,246,144	535,273	101,999,57	385,029,154
1,085,972	10,601,243	1,382,855	136,029	203,915	87,957	3,139,229	5,815,930	289,330	1,095,297	189,873	76,185	3,019,798	310,676	4,983,106	2,893,204	145,706	122,238	10,594,817	5,967,700	7,751,003	4,621,906	9,512,816	289,204	2,285,704	552,381	176,010,93	388,891,816
1,099,145	10,733,985	1,398,953	137,588	206,538	89,168	3,179,983	5,889,362	293,007	1,108,896	192,312	77,127	3,066,385	314,593	5,046,095	2,940,108	147,569	123,877	10,768,596	6,068,729	7,890,623	4,687,852	9,660,639	292,846	2,325,285	569,498	250,942,74	392,761,968
1,112,319	10,866,726	1,415,051	138,148	209,160	91,379	3,220,737	5,962,765	296,684	1,122,494	194,752	78,070	3,112,978	318,510	5,108,972	2,987,807	149,431	125,515	10,942,423	6,169,738	7,970,199	4,753,829	9,808,465	296,487	2,364,845	586,606	325,949,72	396,677,367
1,125,492	10,999,467	1,431,149	140,708	211,783	91,590	3,281,490	6,036,168	300,361	1,136,093	197,191	79,012	3,159,613	322,426	5,171,889	3,033,951	151,293	127,154	11,116,391	6,270,730	8,079,775	4,819,861	9,956,173	300,129	2,404,406	603,713	398,054,79	400,564,118
1,138,665	11,132,208	1,447,247	142,268	214,406	92,801	3,302,244	6,109,571	304,037	1,149,691	199,631	79,954	3,206,258	326,343	5,234,805	3,080,880	153,155	128,793	11,290,461	6,371,730	8,189,351	4,885,893	10,103,943	303,771	2,443,966	620,820	469,024,57	404,437,014
1,151,839	11,264,949	1,463,345	143,827	217,028	94,013	3,342,988	6,182,974	307,714	1,163,290	202,070	80,896	3,252,897	330,260	5,297,721	3,127,817	155,017	130,452	11,464,572	6,472,738	8,298,927	4,951,526	10,251,713	307,413	2,483,526	637,928	544,955,25	408,414,380
1,165,012	11,397,732	1,479,443	145,387	219,651	95,224	3,383,788	6,256,376	311,391	1,176,888	204,510	81,838	3,297,656	334,177	5,369,638	3,175,961	156,878	132,070	11,638,677	6,573,754	8,408,502	5,017,568	10,369,485	311,055	2,523,085	655,035	621,900,62	408,298,782
1,178,186	11,530,557	1,495,541	146,947	223,856	96,435	3,424,877	6,329,830	315,068	1,190,487	206,949	82,781	3,343,744	338,093	5,423,613	3,222,386	158,742	133,709	11,812,883	6,674,821	8,518,155	5,084,037	10,547,361	314,697	2,562,682	672,160	693,880,95	409,977,532
1,191,359	11,663,300	1,511,639	148,506	229,526	97,615	3,465,723	6,452,464	318,681	1,203,823	209,346	83,723	3,389,649	341,936	5,556,378	3,409,062	165,819	135,316	12,182,622	6,823,409	8,651,492	5,284,026	10,991,216	318,288	2,709,264	739,879	766,035,5	415,846,345
1,204,552	11,795,963	1,527,737	150,081	235,082	98,784	3,505,670	6,479,164	322,231	1,216,898	211,700	84,665	3,394,047	345,704	5,653,575	3,315,314	167,896	136,890	12,160,433	6,977,918	8,741,122	5,168,465	10,835,837	321,828	2,813,690	757,449	830,991,4	419,854,421
1,217,767	11,929,626	1,543,835	151,769	240,640	99,913	3,545,619	6,553,113	325,791	1,229,973	214,054	85,607	3,429,099	349,473	5,817,965	3,394,412	169,350	138,464	12,332,933	7,079,547	8,851,534	5,204,943	10,984,624	325,369	2,853,835	775,172	910,943,09	423,684,841
1,138,672	11,132,232	1,447,247	142,280	216,273	92,780	3,302,204	6,121,492	303,994	1,149,510	199,601	79,954	3,197,070	326,292	5,246,630	3,092,074	154,363	128,771	11,305,645	6,383,248	8,207,230	4,888,983	10,125,746	303,736	2,447,926	632,622	471,200	402,745,707

Trans-Allegheny Interstate Line

					Attachment 5 - Cost Supp	
Calculation of Distribution Accumulated Depreciation						
	Source					
December	Prior year FERC Form 1 p219.26.b	For 2021	-	-		
January	company records	For 2022	-	-		
February	company records	For 2022	-	-		
March	company records	For 2022	-	-		
April	company records	For 2022	-	-		
May	company records	For 2022	-	-		
June	company records	For 2022	-	-		
July	company records	For 2022	-	-		
August	company records	For 2022	-	-		
September	company records	For 2022	-	-		
October	company records	For 2022	-	-		
November	company records	For 2022	-	-		
December	p219.26.b	For 2022	-	-		
Distribution Accumulated Depreciation						
Calculation of Intangible Accumulated Depreciation						
	Source					
December	Prior year FERC Form 1 p200.21.b	For 2021	26,248,266		30,797,077	
December	p200.21b	For 2022	30,797,077		30,797,077	
25	Accumulated Intangible Depreciation		28,522,672		30,797,077	
					Link to Appendix A, line 25	Link to Appendix A, line 25
Calculation of General Accumulated Depreciation						
	Source					
December	Prior year FERC Form 1 p219.28b	For 2021	17,708,871		18,391,136	
December	p219.28.b	For 2022	18,391,136		18,391,136	
24	Accumulated General Depreciation		18,050,004		18,391,136	
					Link to Appendix A, line 24	Link to Appendix A, line 24
Calculation of Production Accumulated Depreciation						
	Source					
December	Prior year FERC Form 1 p219.20.b-24.b	For 2021	-	-		
January	company records	For 2022	-	-		
February	company records	For 2022	-	-		
March	company records	For 2022	-	-		
April	company records	For 2022	-	-		
May	company records	For 2022	-	-		
June	company records	For 2022	-	-		
July	company records	For 2022	-	-		
August	company records	For 2022	-	-		
September	company records	For 2022	-	-		
October	company records	For 2022	-	-		
November	company records	For 2022	-	-		
December	p219.20.b thru 219.24.b	For 2022	-	-		
Production Accumulated Depreciation						
Total Accumulated Depreciation						
8	Sum of averages above		449,318,382		472,873,054	
					Link to Appendix A, line 8	Link to Appendix A, line 8

Trans-Allegheny Interstate Line Company

Attachment 5 - Cost Support

Electric / Non-electric Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Form 1 Amount	Electric Portion	Non-electric Portion	Details
				Beg of year	End of Year (for estimate)	Average of Beginning and Ending Balances	
40	Materials and Supplies			-	-	-	
	Transmission Materials & Supplies	p227.8		-	-	-	
37	Undistributed Stores Expense	p227.16		-	-	-	
	Allocated General Expenses			-	-	-	
51	Plus Property Under Capital Leases	0	p200.4.c	-	-	-	

Transmission / Non-transmission Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Beg of year	End of Year (for estimate)	Average of Beginning and Ending Balances	Details
34	Transmission Related Land Held for Future Use		Total	-	-	-	Enter Details Here
			Non-transmission Related	-	-	-	
			Transmission Related	-	-	-	

CWIP & Expensed Lease Worksheet

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Beg of year	CWIP in Form 1 Amount	Expensed Lease in Form 1 Amount	Details
6	Plant Allocation Factors			2,336,568,949	-	-	
	Electric Plant in Service	(Note B)	Attachment 5				
15	Plant In Service			2,208,555,632	-	-	
	Transmission Plant in Service	(Note B)	Attachment 5				
23	Accumulated Depreciation			381,156,452	-	-	
	Transmission Accumulated Depreciation	(Note B)	Attachment 5				

Pre-Commercial Costs Capitalized

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				EDY for Estimate and BOY for Final	Amortization Amount (Over 4 Years)	Calculated End of Year Balance	Average of Beginning and Ending Balances (for estimate and reconciliation)	Details
35	Unamortized Capitalized Pre-Commercial Costs			\$ -	\$ -	\$ -	\$ -	

EPRI Dues Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Beg of year	EPRI Dues	Details
58	Allocated General & Common Expenses			0	0	Enter Details Here
	Less EPRI Dues	(Note D)	p352 & 353			

Regulatory Expense Related to Transmission Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Form 1 Amount	Transmission Related	Non-transmission Related	Details
62	Directly Assigned A&G			-	-	-	Link to Appendix A, line 62
	Regulatory Commission Exp Account 928	(Note G)	p323.189.b				Enter Details Here

Safety Related Advertising Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Form 1 Amount	Safety Related	Non-safety Related	Details
66	Directly Assigned A&G			-	-	-	Link to Appendix A, line 66
	General Advertising Exp Account 930.1	(Note F)	p323.191.b				Enter Details Here

Trans-Allegheny Interstate Line Company

Attachment 5 - Cost Support

MultiState Workpaper

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions		State 1	State 2	State 3	State 4	State 5	Details
Income Tax Rates		MD 8.25%	WV 6.5%	PA 9.99%	VA 6.0%		
110	SIT=State Income Tax Rate or Composite (Note H)	Composite 7.4149%	Composite is calculated based on sales, payroll and property for each jurisdiction				

Education and Out Reach Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Form 1 Amount	Education & Outreach	Other	Details
63	Directly Assigned A&G General Advertising Exp Account 930.1 (Note J) p323.191.b				Enter Details Here

Excluded Plant Cost Support

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Excluded Transmission Facilities	Description of the Facilities
126	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities (Note L) Excluded Transmission Facilities Step-Up Facilities		General Description of the Facilities
Instructions: 1 Remove all investment below 69 kV or generator step up transformers included in transmission plant in service that are not a result of the RTEP Process 2 If unable to determine the investment below 69kV in a substation with investment of 69 kV and higher as well as below 69 kV, the following formula will be used: Example A Total investment in substation 1,000,000 B Identifiable investment in Transmission (provide workpapers) 500,000 C Identifiable investment in Distribution (provide workpapers) 400,000 D Amount to be excluded (A x C / (B + C)) 444,444		Enter \$ Or Enter \$	
Add more lines if necessary			

Prepayments

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Beg of year	End of Year	Average of Beginning and Ending Balances	Allocation	Transmission Related	Details
36	Prepayments Prepaid Insurance	393,369	776,745	585,057	100%	585,057	
	Prepaid Pensions if not included in Prepayments	-	0	0	100%	0	
	Total Prepayments	393,369	776,745	585,057		585,057	

Detail of Account 566 Miscellaneous Transmission Expenses

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Total	Summary of Pre-Commercial Expenses																		
70	Amortization Expense on Pre-Commercial Cost	\$ -																			
71	Pre-Commercial Expense	1,677,962																			
72	Miscellaneous Transmission Expense																				
	Total Account 566 Miscellaneous Transmission Expenses p.321.97.b	\$ 1,677,962																			
			<table border="1"> <thead> <tr> <th>Cost Element Name</th> <th>Total</th> </tr> </thead> <tbody> <tr><td>Labor & Overhead (1)</td><td>-</td></tr> <tr><td>Miscellaneous (2)</td><td>-</td></tr> <tr><td>Outside Services Legal (3)</td><td>-</td></tr> <tr><td>Outside Services Other (4)</td><td>-</td></tr> <tr><td>Outside Services Rates (5)</td><td>-</td></tr> <tr><td>Advertising (6)</td><td>-</td></tr> <tr><td>Travel, Lodging and Meals (7)</td><td>-</td></tr> <tr><td>Total</td><td>-</td></tr> </tbody> </table> <p>(1) Labor & overhead amount includes costs allocated to preparation of the preliminary survey and investigation. (2) Miscellaneous amount includes rental of volunteer fire department facilities for open houses, Fed EX fees for various mailings from Legal, Procurement, Transmission & Finance, fees for various conference calls and PJM application fee. (3) Outside legal services includes the cost for research and preparation of the filing to determine incentive rate availability. (4) Other services other includes fees for website development, media relations services, campaign management, open houses and research services. (5) Outside services rates includes the advice of a rate consultant regarding rate design. (6) Advertising includes newspaper and other media announcements of public scoping meetings related to the proposed project. (7) Travel, lodging and meals are the direct expenses for Allegheny staff to attend the scoping meetings.</p>	Cost Element Name	Total	Labor & Overhead (1)	-	Miscellaneous (2)	-	Outside Services Legal (3)	-	Outside Services Other (4)	-	Outside Services Rates (5)	-	Advertising (6)	-	Travel, Lodging and Meals (7)	-	Total	-
Cost Element Name	Total																				
Labor & Overhead (1)	-																				
Miscellaneous (2)	-																				
Outside Services Legal (3)	-																				
Outside Services Other (4)	-																				
Outside Services Rates (5)	-																				
Advertising (6)	-																				
Travel, Lodging and Meals (7)	-																				
Total	-																				
149	Net Revenue Requirement Facility Credits under Section 30.9 of the PJM OATT	-																			

Trans-Allegheny Interstate Line Company
 Attachment 5 - Cost Support

Depreciation Rates

	Life	Curve	Survivor		Accrual												
			Salvage	Rate (Annual)	Percent	Percent	Black Oak	Wylie Ridge	902 Junction - Terrestrial Line	Meadowbrook Transformer	North Shenandoah	Bedlington Transformer	Meadowbrook Capacitor	Kammer Transformers	Doubs Replacement Transformer #2	Doubs Replacement Transformer #3	Doubs Replacement Transformer #4
TRANSMISSION PLANT																	
350.2	70	-	R4	0	1.43												
352	50	-	R3	(10)	2.20	18,648		2,470,712									
	35	-			2.86			1,242,932									
353																	
	50	-	R2	(5)	2.10	1,438,049	587,053	\$2,705,894.86	162,725	40,402	162,194	\$142,687.20	831,941	\$92,350.52	\$94,012.30	\$145,566.46	
	Note 1	-	80 R2 - 35-yr truncation		2.96												
	15	-	S3	0	6.67												
354	65	-	R4	(25)	1.92			7,287,495									
355	55	-	R2.5	(20)	2.18			2,908,593									
356								6,378,478									
	55	-	R2.5	(40)	2.80												
	70	-	R4	0	1.43												
357	55	-	S3	(5)	1.91												
358	45	-	R3	(5)	2.33												
	35	-			2.86												
Total Transmission Plant Depreciation						1,456,697	587,053	22,994,103	162,725	40,402	162,194	142,687	831,941	92,351	94,012	145,566	
Total Transmission Depreciation Expense (must tie to p336.7.f)						45,361,531											

Note 1: Depreciation rate is based on an 80 R2 survivor curve with a 35-year truncation.

Annual Depreciation Expense														
Cabot SS	Grandview Capacitor	Potter	Osage Whitely	Armstrong	Farmers Valley	Harvey Run	Doubs SS	Meadowbrook SS	502 Jct Substation	Conemaugh-Seward	Luxor	Grandpoint & Guilford	Handsome Lake-Homer City	Altoona
	421	281	14,922	320	1,255				124,532	2,668	3,450			
157,735	13,533	35,343	110,809	329,740	18,436	17,476	\$101,252.56	\$1,249,433.67		267,802	21,896	37,266		761,429
			96,660							8,428			35,709	
			351,137							385,009			42,710	
158,157	13,814	35,343	573,528	332,567	19,691	17,476	101,253	1,249,434	124,532	663,906	25,345	37,266	276,582	761,429

Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road	Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Wobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor
						89,205	6,422		12,892		89,880	66,856		18,436	
69,927	11,958	924,380	\$104,734.71	9,216	158,142	\$1,394,034.90	186,755	18,859	29,078	14,379	\$331,374.89	\$766,574.87	43,804	143,437	\$28,423.67
						80,158									
						32,862									
69,927	11,958	924,380	104,735	9,216	158,142	1,596,260	193,177	18,859	41,970	14,379	421,255.36	833,431	43,804	161,873	28,424

Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Flint Run	Damascus SS	Warren Substation	Piercebreek SS	Total
	151,493															-
	57,583							117,566	12,033	247,283	475,498			37,588		2,625,192
																-
11,307	114,874	46,630	627,618	\$460,937.88	\$17,919.11	19,504	61,772	978,998	1,131,922	\$441,308.49	1,070,926	167,037	43,449	\$355,902.06	\$168,426.15	19,478,634
																-
																-
	38,933															7,442,295
	74,819						682,298					650,962				4,619,923
																-
	117,914						1,186,721					60,469				8,555,299
																-
																-
																-
11,307	555,616	46,630	627,618	460,938	17,919	19,504	1,930,791	1,096,563	1,143,955	688,591	1,546,424	878,468	43,449	393,490	168,426	45,361,531

Trans-Allegheny Interstate Line Company

Attachment 5 - Cost Support

GENERAL PLANT		Life	Survivor Curve	Net Salvage Percent	Accrual Rate (Annual) Percent	Total
390	Structures & Improvements	50	R1	0	2.00	997,354
391	Office Furniture & Equipment	20	SQ	0	5.00	926,866
	Information Systems	10	SQ	0	10.00	
	Data Handling	10	SQ	0	10.00	
392	Transportation Equipment					
	Other	15	SQ	20	5.33	
	Autos	7	S3	20	11.43	
	Light Trucks	11.5	L4	20	6.96	
	Medium Truck	11.5	L4	20	6.96	
	Trailers	18	L1	20	4.44	
	ATV	15	SQ	20	5.33	
393	Stores Equipment	20	SQ	0	5.00	
394	Tools, Shop & Garage Equipment	20	SQ	0	5.00	
396	Power Operated Equipment	18	L1	25	4.17	
397	Communication Equipment	15	SQ	0	6.67	1,051,365
398	Miscellaneous Equipment	15	SQ	0	6.67	-
Total General Plant						2,975,586
Total General Plant Depreciation Expense (must tie to p336.10.b & c)		2,975,586				
INTANGIBLE PLANT		Life	Survivor Curve	Net Salvage Percent	Accrual Rate (Annual) Percent	Total
303	Miscellaneous Intangible Plant	5	SQ	0	20.00	4,557,054
Total Intangible Plant						4,557,054
Total Intangible Plant Amortization (must tie to p336.1 d & e)		4,557,054				

These depreciation rates will not change absent the appropriate filing at FERC.

PBOP Expenses

1	Total PBOP expenses	22,856,433
2	Amount relating to retired personnel	8,786,372
3	Amount allocated on FTEs	14,070,061
4	Number of FTEs for Allegheny	4,408
5	Cost per FTE	3,192
6	TrAILCo FTEs (labor not capitalized) current year	0.000
7	TrAILCo PBOP Expense for base year	-
8	TrAILCo PBOP Expense in Account 926 for current year	0
9	PBOP Adjustment for Appendix A, Line 57	-
57	Lines 1-5 cannot change absent approval or acceptance by FERC in a separate proceeding.	

Trans-Allegheny Interstate Line Company

Attachment 5a - Pre-Commercial Costs and CWIP

Step 1 Totals reported below are by project with the amounts to be expensed reported separately from those to be deferred and amortized (note, deferred costs related to 2006 include AFUDC).
For Forecasting purposes, Pre-Commercial expenses will be estimated. Total deferred and amortized Pre-commercial costs will be the actual amount agreeing to FERC Form 1 and Attachment 5.

Step 2 For each project, where CWIP is to be recovered in rate base, CWIP will be estimated and the totals reported below by project. For the Reconciliation, for each project where CWIP is to be recovered in rate base the CWIP will be itemized by project below. Additionally, the amount of AFUDC that would have been capitalized for projects where CWIP is included in rate base will be reported in the FERC Form No. 1.

Step 3 For the Reconciliation, the total additions to plant in service for that year will be summarized by project to demonstrate no Pre-Commercial costs expensed were included in the additions to plant in service and AFUDC on projects where CWIP was recovered in rate base was included in the additions to plant in service. The Pre-commercial expenses are actual expenses incurred for the reconciliation year. Total deferred and amortized Pre-commercial costs will be the actual amount agreeing to FERC Form 1 and Attachment 5.

Column A	Column B	Column C	Column D	Column E	Column F	Column G
	Pre-Commercial Costs			CWIP		
Step 1 For Estimate:	Expensed (Estimated)	Deferred	Amount of Deferred Amortized in Year	Average of 13 Monthly Balances		
Prexy - 502 Junction 138 kV (CWIP)	-	-	-	-		
Prexy - 502 Junction 500 kV (CWIP)	-	-	-	-		
502 Junction - Territorial Line (CWIP)	-	-	-	-		
Total	-	-	-	-		
Step 3 For Reconciliation:	Pre-Commercial Costs					
	Expensed (Actual)	Deferred	Amount of Deferred Amortized in Year	CWIP	AFUDC In CWIP	AFUDC (If CWIP was not in Rate Base)
Prexy - 502 Junction 138 kV (CWIP)						
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
...						
Total	-	-	-	-	-	-
Prexy - 502 Junction 500 kV (CWIP)						
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
...						
Total	-	-	-	-	-	-
502 Junction - Territorial Line (CWIP)						
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
...						
Total	-	-	-	-	-	-
Total Additions to Plant In Service (sum of the above for each project)	Refer to Attachment 5 - Cost Support Plant in Service Worksheet					-
Total Additions to Plant in Service reported on pages 204-207 of the Form No. 1	Refer to Attachment 5 - Cost Support Plant in Service Worksheet					-
Difference (must be zero)						-

Notes:
1 Small projects may be combined into larger projects where rate treatment is consistent. Pre-Commercial costs benefiting multiple projects will be allocated to projects based on the estimated plant in service of each project.

Allocation of Pre-Commercial Costs	Plant in Service (Estimated 2/12/2008)	Allocation
Prexy - 502 Junction 138 kV (CWIP)	94,140,000	0.10734
Prexy - 502 Junction 500 Kv (CWIP)	121,260,000	0.13827
502 Junction - Territorial Line (CWIP)	661,600,000	0.75439
Total	877,000,000	1.00000

2 Column D is the total CWIP balance including any AFUDC, Column E is the AFUDC if any in Column D, and Column F is the AFUDC that would have been in Column E if CWIP were not recovered in rate base.

Trans-Allegheny Interstate Line Company
Attachment 6 - Estimate and Reconciliation Worksheet

Step Month Year Action

Exec Summary

- 1 April Year 2 TO populates the formula with Year 1 data
- 2 April Year 2 TO estimates all transmission Cap Adds and CWIP for Year 2 based on each project's cost using the average of 13 monthly balances. Cap Adds are the projects expected to be in service in Year 2.
- 3 April Year 2 TO adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33)
- 4 May Year 2 Post results of Step 3 on PJM web site
- 5 June Year 2 Results of Step 3 go into effect

- 6 April Year 3 TO estimates all transmission Cap Adds and CWIP during Year 3 based each project's cost using the average of 13 monthly balances. Cap Adds are expected to be in service in Year 3.
- 7 April Year 3 Reconciliation - TO calculates Reconciliation by populating the 13 monthly plant balances and beginning and end of year balances for the other rate base items and the 13 monthly averages for CWIP in Reconciliation (adjusted to include any Reconciliation amount from prior year).
- 8 April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Step 5 with interest to the result of Step 7 (this difference is also added to Step 7 in the subsequent year)
- 9 May Year 3 Post results of Step 8 on PJM web site
- 10 June Year 3 Results of Step 8 go into effect

Reconciliation Details

- 1 April Year 2 TO populates the formula with Year 1 data
Rev Req based on Year 1 data Must run Appendix A to get this number (without any cap adds in Appendix A line 16 and without CWP in Appendix A line 33)
- 2 April Year 2 TO estimates all transmission Cap Adds and CWIP for Year 2 based on each project's cost using the average of 13 monthly balances. Cap Adds are the projects expected to be in service in Year 2.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
		Richwood Hill (in service)	Erie South (in service)	Joffre Sub (in service)	Oak Mound (in service)	Damascus Substation (in service)	Warren Substation (in service)	Kammer (in service)	502 Junction - Territorial Line (monthly additions) (in service)
Dec (Prior Year CWP) p216.b.43	Actual	-	-	-	-	-	-	-	-
Jan 2022	Actual	876	15,050	-	23,046	-	-	-	107,000
Feb	Actual	876	-	-	8,018	-	-	-	-
Mar	Actual	876	-	-	-	-	-	-	-
Apr	Budget	-	-	-	-	-	-	-	-
May	Budget	-	-	-	-	-	-	-	-
Jun	Budget	-	-	-	-	-	-	-	-
Jul	Budget	-	-	-	-	-	-	-	-
Aug	Budget	-	-	-	-	-	-	-	-
Sep	Budget	-	-	-	-	-	-	-	-
Oct	Budget	-	-	-	-	-	-	-	-
Nov	Budget	-	-	-	3,957,372	-	-	-	-
Dec	Budget	-	-	-	-	-	-	-	496,068
Total		2,628	-	-	4,003,487	-	-	-	603,068

Month End Balances									
Other Projects PIS (Monthly additions)	Richwood Hill (in service)	Erie South (in service)	Joffre Sub (in service)	Oak Mound (in service)	Damascus Substation (in service)	Warren Substation (in service)	Kammer (in service)	502 Junction - Territorial Line (monthly additions) (in service)	CWP
-	-	-	-	-	-	-	-	-	-
876	-	-	-	15,050	-	-	-	-	-
1,752	-	-	-	38,096	-	-	-	-	-
2,628	-	-	-	46,115	-	-	-	-	-
2,628	-	-	-	46,115	-	-	-	-	-
2,628	-	-	-	46,115	-	-	-	-	-
2,628	-	-	-	46,115	-	-	-	-	-
2,628	-	-	-	46,115	-	-	-	-	-
2,628	-	-	-	46,115	-	-	-	-	-
2,628	-	-	-	46,115	-	-	-	-	-
2,628	-	-	-	46,115	-	-	-	-	-
2,628	-	-	-	46,115	-	-	-	-	-
2,628	-	-	-	46,115	-	-	-	-	-
2,628	-	-	-	4,003,487	-	-	-	-	-
2,628	-	-	-	4,003,487	-	-	-	-	-
28,908	-	-	-	8,429,036	-	-	-	-	1,245,068
2,224	-	-	-	648,387	-	-	-	-	95,774
(Appendix A, Line 16)	(Appendix A, Line 16)	(Appendix A, Line 16)	(Appendix A, Line 16)				(Appendix A, Line 33)		

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
		Shuman Hill (in service)	502 Jct Substation (in service)	Black Oak (in service)	Osage Whiteley (in service)	Squab Hollow SS (in service)	Doubs SS (in service)	Hunterstown (in service)	Wylie Ridge (in service)
CWP) p216.b.43	Actual	-	-	-	-	-	-	-	-
Jan 2022	Actual	-	365,972	(6,558)	-	-	-	(90)	-
Feb	Actual	-	569,454	1,890	-	-	-	(183)	-
Mar	Actual	-	319,521	3,164	-	-	-	-	-
Apr	Budget	-	-	1,630,509	-	-	-	-	-
May	Budget	-	-	-	-	-	-	-	-
Jun	Budget	-	-	-	-	-	-	-	-
Jul	Budget	-	-	-	-	-	-	-	-
Aug	Budget	-	-	-	-	-	-	-	-
Sep	Budget	-	-	-	-	-	-	-	-
Oct	Budget	-	-	-	-	-	-	-	-
Nov	Budget	-	-	-	-	-	-	-	-
Dec	Budget	-	500,000	-	-	-	-	-	-
Total		-	1,794,947	1,629,006	-	-	-	(273)	-

Month End Balances								
Other Projects PIS (Monthly additions)	Shuman Hill (in service)	502 Jct Substation (in service)	Black Oak (in service)	Osage Whiteley (in service)	Squab Hollow SS (in service)	Doubs SS (in service)	Hunterstown (in service)	Wylie Ridge (in service)
-	-	-	-	-	-	-	-	-
-	-	365,972	(6,558)	-	-	-	-	(90)
-	-	935,426	(4,668)	-	-	-	-	(273)
-	-	1,254,947	(1,503)	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,254,947	1,629,006	-	-	-	-	(273)
-	-	1,754,947	1,629,006	-	-	-	-	(273)
-	-	14,350,864	14,648,324	-	-	-	-	(3,091)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
		Grandpoint & Guilford (in service)	PA Farmers Valley (in service)	Waldo Run SS (in service)	Meadowbrook SS Capacitor (in service)	Conemaugh (in service)	Rider (in service)	Cabot Substation (in service)	Armstrong (in service)
CWP) p216.b.43	Actual	-	-	-	-	-	-	-	-
Jan 2022	Actual	-	-	69,640	1,402	-	-	(30)	-
Mar	Actual	-	-	-	685,497	-	-	-	-
Apr	Budget	-	-	-	-	-	-	-	-
May	Budget	-	-	-	-	-	-	-	-
Jun	Budget	-	-	-	-	-	-	-	-
Jul	Budget	-	-	-	-	-	-	-	-
Aug	Budget	-	-	-	-	-	-	-	-
Sep	Budget	-	-	-	-	-	-	-	-
Oct	Budget	-	-	-	-	-	-	-	-
Nov	Budget	-	-	-	-	-	-	-	-
Dec	Budget	-	-	-	-	-	-	-	-
Total		-	-	69,640	686,900	-	-	(30)	-

Month End Balances								
Other Projects PIS (Monthly additions)	Grandpoint & Guilford (in service)	PA Farmers Valley (in service)	Waldo Run SS (in service)	Meadowbrook SS Capacitor (in service)	Conemaugh (in service)	Rider (in service)	Cabot Substation (in service)	Armstrong (in service)
-	-	-	-	-	-	-	-	-
-	-	-	69,640	1,402	-	-	-	(30)
-	-	-	686,900	686,900	-	-	-	(30)
-	-	-	69,640	686,900	-	-	-	(30)
-	-	-	69,640	686,900	-	-	-	(30)
-	-	-	69,640	686,900	-	-	-	(30)
-	-	-	69,640	686,900	-	-	-	(30)
-	-	-	69,640	686,900	-	-	-	(30)
-	-	-	69,640	686,900	-	-	-	(30)
-	-	-	69,640	686,900	-	-	-	(30)
-	-	-	69,640	686,900	-	-	-	(30)
-	-	-	69,640	686,900	-	-	-	(30)
-	-	-	766,042	6,870,399	-	-	-	(361)

Trans-Allegheny Interstate Line Company
Attachment 7 - Transmission Enhancement Charge Worksheet

Revenue Requirement By Project

Fixed Charge Rate (FCR) if not a CIAC			
	Formula Line		
A	136	FCR without Depreciation	11.3905%
B	144	FCR with Incentive ROE without Depreciation	12.0557%
C		Line B less Line A	0.6652%
FCR if a CIAC			
D	137	FCR without Depreciation and Pre-Commercial Costs	11.3905%

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years

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		PJM Upgrade ID: b0328.1 b0328.2; b0347.1; b0347.2; b0347.3; b0347.4					PJM Upgrade ID: b0218; b0220; b1166				PJM Upgrade ID: b0216			
Details		502 Junction - Territorial Line (CWIP + Plant In Service)					Wylie Ridge Transformer (Plant In Service)				Black Oak (SVC) Dynamic Reactive Device (Plant In Service)			
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12 (Yes or No)	Yes					Yes				Yes			
"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	CIAC (Yes or No)	No					No				No			
Input the allowed ROE	Allowed ROE	12.70%					11.70%				12.70%			
From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	FCR without Incentive ROE	11.3905%					11.3905%				11.3905%			
If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7	FCR for This Project	12.0557%					11.3905%				12.0557%			
Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.	Investment	831,783,930					17,031,811				30,948,231			
reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	Annual Depreciation Exp from Attachment 5	22,994,103					587,053				1,456,697			
	Invest Yr	Return	Depreciation	Pre-Commercial Exp.	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
See Calculations for each item below	2011	94,744,466.15	22,994,103.21	0.00	12,658,817.24	130,397,386.60	1,940,010.83	587,053.17	250,367.68	2,777,431.68	3,525,162.60	1,456,696.97	406,860.11	5,388,719.68
See Calculations for each item below	2011	100,277,145.35	22,994,103.21	0.00	12,658,817.24	135,930,065.81	1,940,010.83	587,053.17	250,367.68	2,777,431.68	3,731,017.30	1,456,696.97	406,860.11	5,594,574.38

For Plant in Service
"Pre-Commercial Exp" is equal to the amount of pre-commercial expense on Attachment 5a for each project expensed in year and amortized in year.
Revenue is equal to the "Return" ("Investment" times FCR) plus "Depreciation" plus "Pre-Commercial Exp" plus prior year "Reconciliation amount"
"Reconciliation Amount" is created in the reconciliation in Attachment 6 and included in the forecasted revenue requirement.

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PJM Upgrade ID: b0323				PJM Upgrade ID: b0230				PJM Upgrade ID: b0229				PJM Upgrade ID: b0559			
North Shenandoah Transformer (Plant In Service)				Meadowbrook Transformer (Plant In Service)				Bedington Transformer (Plant In Service)				Meadowbrook Capacitor (Plant In Service)			
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"			
"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"			
Input the allowed ROE				Input the allowed ROE				Input the allowed ROE				Input the allowed ROE			
From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12			
If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7			
Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.			
reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.			
Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5			
Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
164,014.48	40,401.96	18,619.30	223,035.74	663,073.20	162,725.24	75,413.88	901,212.32	728,105.31	162,194.28	87,499.46	977,799.04	530,361.59	142,687.20	(2,087.36)	670,961.43
164,014.48	40,401.96	18,619.30	223,035.74	663,073.20	162,725.24	75,413.88	901,212.32	728,105.31	162,194.28	87,499.46	977,799.04	530,361.59	142,687.20	(2,087.36)	670,961.43

For Plant in Service
"Pre-Commercial Exp" is equal to the amount of pre-commerc
Revenue is equal to the "Return" ("Investment" times FCR) p
"Reconciliation Amount" is created in the reconciliation in Atta

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11 "Yes" if a project under PJM OATT Schedule 12, otherwise
12 "No"
13 "Yes" if the customer has paid a lump sum payment in the
14 amount of the investment on line 29, Otherwise "No"
15 Input the allowed ROE
16 From line 3 above if "No" on line 12 and From line 7 above if
17 "Yes" on line 12
18 If line 13 equals 12.7%, then line 4, if line 13 equals 11.7%
19 then line 3, and if line 12 is "Yes" then line 7
20 Forecast – End of prior year net plant plus current year
reconciliation – Average of 13 month prior year net plant
balances plus prior year 13-mo CWIP balances.
Annual Depreciation Exp from Attachment 5

PJM Upgrade ID: b0495				PJM Upgrade ID: b0343				PJM Upgrade ID: b0344				PJM Upgrade ID: b0345			
Kammer Transformers (Plant In Service)				Doubs Replace Transformer #2				Doubs Replace Transformer #3				Doubs Replace Transformer #4			
Yes				Yes				Yes				Yes			
No				No				No				No			
11.70%				11.70%				11.70%				11.70%			
11.3905%				11.3905%				11.3905%				11.3905%			
11.3905%				11.3905%				11.3905%				11.3905%			
28,639,577				4,011,324				3,752,040				3,900,590			
831,941				92,351				94,012				145,566			
Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
3,262,195.01	831,940.92	368,972.93	4,463,108.87	456,910.41	92,350.52	51,147.09	600,408.02	427,376.63	94,012.30	62,562.88	583,951.80	444,297.20	145,566.46	44,236.06	634,099.72
3,262,195.01	831,940.92	368,972.93	4,463,108.87	456,910.41	92,350.52	51,147.09	600,408.02	427,376.63	94,012.30	62,562.88	583,951.80	444,297.20	145,566.46	44,236.06	634,099.72

For Plant in Service
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Revenue is equal to the "Return" ("Investment" times FCR) p
"Reconciliation Amount" is created in the reconciliation in Atta

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 11 "Yes" if a project under PJM OATT Schedule 12, otherwise
 "No"
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 amount of the investment on line 29, Otherwise "No"
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 "Yes" on line 12
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 16 Forecast – End of prior year net plant plus current year
 forecast of CWIP or Cap Adds.
 reconciliation – Average of 13 month prior year net plant
 balances plus prior year 13-mo CWIP balances.
 17 Annual Depreciation Exp from Attachment 5

PJM Upgrade ID: b0704				PJM Upgrade ID: b1941				PJM Upgrade ID: b0563				PJM Upgrade ID: b0564			
Cabot SS - Install Autotransformer				Armstrong				Farmers Valley Capacitor				Harvey Run Capacitor			
Yes				Yes				Yes				Yes			
No	11.70%			No	11.70%			No	11.70%			No	11.70%		
	11.3905%				11.3905%				11.3905%				11.3905%		
	11.3905%				11.3905%				11.3905%				11.3905%		
	6,555,590				14,388,340				(499,402)				655,831		
	158,157				332,567				19,691				17,476		
Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
746,715.45	158,156.71	110,219.12	1,015,091.28	1,638,905.94	332,567.02	351,193.64	2,322,666.60	(56,884.49)	19,690.68	(290,364.67)	(327,558.48)	74,702.47	17,476.20	6,160.00	98,338.67
746,715.45	158,156.71	110,219.12	1,015,091.28	1,638,905.94	332,567.02	351,193.64	2,322,666.60	(56,884.49)	19,690.68	(290,364.67)	(327,558.48)	74,702.47	17,476.20	6,160.00	98,338.67

For Plant in Service
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 reconciliation – Average of 13 month prior year net plant
 balances plus prior year 13-mo CWIP balances.
 17 Annual Depreciation Exp from Attachment 5

PJM Upgrade ID: b1803				PJM Upgrade ID: b1243				PJM Upgrade ID: b0674, b1023, b1023.3				PJM Upgrade ID: b1800, b1804			
Doubs SS				Potter SS				Osage Whiteley				Meadowbrook SS			
Yes				Yes				Yes				Yes			
No				No				No				No			
11.70%				11.70%				11.70%				11.70%			
11.3905%				11.3905%				11.3905%				11.3905%			
11.3905%				11.3905%				11.3905%				11.3905%			
6,506,849				1,781,584				19,162,327				61,892,858			
101,253				35,343				573,528				1,249,434			
Return	Depreciation	Reconciliation	Revenue	Return	Depreciation	Pre-Commercial	Reconciliation	Return	Depreciation	Pre-Commercial	Reconciliation	Return	Depreciation	Reconciliation	Revenue
741,163.52	101,252.56	150,680.32	993,096.41	202,932	35,343	Exp. 0	23,725	262,000.13	2,182,688	573,528	Exp. 0	245,857	3,002,072.09	7,049,915	1,249,434
741,163.52	101,252.56	150,680.32	993,096.41	202,932	35,343	Exp. 0	23,725	262,000.13	2,182,688	573,528	Exp. 0	245,857	3,002,072.09	7,049,915	1,249,434

For Plant in Service
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"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, otherwise "No"
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reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.
Annual Depreciation Exp from Attachment 5
See Calculations for each item below
See Calculations for each item below

PJM Upgrade ID: b1800				PJM Upgrade ID: b2433.1, b2433.2, b2433.3				PJM Upgrade ID: b1153				PJM Upgrade ID: b1967			
Hunterstown				Waldo Run SS				Conemaugh				Blairsville SS			
Yes				Yes				Yes				Yes			
No				No				No				No			
11.70%				11.70%				11.70%				11.70%			
11.3905%				11.3905%				11.3905%				11.3905%			
11.3905%				11.3905%				11.3905%				11.3905%			
36,134,533				49,294,693				23,016,508				2,734,680			
924,380				1,596,260				663,906				69,927			
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue
4,115,909	924,380	471,550	5,511,838.59	5,614,919	1,596,260	593,907	7,805,085.68	2,621,699	663,906	292,728	3,578,333.11	311,494	69,927	35,688	417,108.38
4,115,909	924,380	471,550	5,511,838.59	5,614,919	1,596,260	593,907	7,805,085.68	2,621,699	663,906	292,728	3,578,333.11	311,494	69,927	35,688	417,108.38

For Plant in Service
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reconciliation – Average of 13 month prior year net plant
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Annual Depreciation Exp from Attachment 5

PJM Upgrade ID: b1609, b1769				PJM Upgrade ID: b1945				PJM Upgrade ID: b1610				PJM Upgrade ID: b1990			
Four Mile Jct				Johnstown SS (2nd xfmr)				Yeagertown				Grandview Capacitor			
Yes				Yes				Yes				Yes			
No				No				No				No			
11.70%				11.70%				11.70%				11.70%			
11.3905%				11.3905%				11.3905%				11.3905%			
11.3905%				11.3905%				11.3905%				11.3905%			
8,131,329				4,032,896				(213,577)				(10,180,232)			
193,177				104,735				17,919				13,814			
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue
926,200	193,177	108,465	1,227,841.68	459,368	104,735	53,258	617,360.37	(24,328)	17,919	12,329	5,920.50	(1,159,581)	13,814	(1,246,882)	(2,392,649.32)
926,200	193,177	108,465	1,227,841.68	459,368	104,735	53,258	617,360.37	(24,328)	17,919	12,329	5,920.50	(1,159,581)	13,814	(1,246,882)	(2,392,649.32)

For Plant in Service
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PJM Upgrade ID: b1801				PJM Upgrade ID: b1965				PJM Upgrade ID: b1839				PJM Upgrade ID: b1964				PJM Upgrade ID: b1672			
Altoona SVC				Luxor				Grand Point & Guilford				Moshannon				Carbon Center			
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if a project under PJM OATT Schedule 12, otherwise "No"			
"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"			
Input the allowed ROE				Input the allowed ROE				Input the allowed ROE				Input the allowed ROE				Input the allowed ROE			
From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12			
If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7				If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7			
Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.				Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.			
reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.				reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.			
Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5			
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue
3,393,615	761,429	388,830	4,543,872.99	112,677	25,345	12,907	150,929.54	166,568	37,266	19,062	222,896.02	721,513	158,142	83,016	962,670.96	53,425	11,958	6,122	71,504.53
3,393,615	761,429	388,830	4,543,872.99	112,677	25,345	12,907	150,929.54	166,568	37,266	19,062	222,896.02	721,513	158,142	83,016	962,670.96	53,425	11,958	6,122	71,504.53

For Plant in Service
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Revenue is equal to the "Return" ("Investment" times FCR) p
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 Forecast – End of prior year net plant plus current year
 forecast of CWIP or Cap Adds.
 reconciliation – Average of 13 month prior year net plant
 balances plus prior year 13-mo CWIP balances.

18 See Calculations for each item below
 19 See Calculations for each item below
 20 See Calculations for each item below

PJM Upgrade ID: b1998					PJM Upgrade ID: b1999, b2002					PJM Upgrade ID: b2342					PJM Upgrade ID: b1770					PJM Upgrade ID: b2148					PJM Upgrade ID: b0556				
Shawville					Northwood					Shuman Hill Sub					Buffalo Road					Pleasureville Capacitor					Grover SS Capacitor				
Yes					Yes					Yes					Yes					Yes					Yes				
No					No					No					No					No					No				
11.70%					11.70%					11.70%					11.70%					11.70%					11.70%				
11.3905%					11.3905%					11.3905%					11.3905%					11.3905%					11.3905%				
11.3905%					11.3905%					11.3905%					11.3905%					11.3905%					11.3905%				
1,833,791					0					1,189,124					361,483					0					799,941				
46,630					0					41,970					9,216					0					11,307				
Return	Depreciation	Reconciliation amount	Revenue		Return	Depreciation	Reconciliation amount	Revenue		Return	Depreciation	Reconciliation amount	Revenue		Return	Depreciation	Reconciliation amount	Revenue		Return	Depreciation	Reconciliation amount	Revenue		Return	Depreciation	Reconciliation amount	Revenue	
208,878	46,630	14,098	269,606.04		0	0	0	0.00		135,447	41,970	20,362	197,780.13		41,175	9,216	4,719	55,109.06		0	0	0	0.00		91,117	11,307	10,878	113,301.53	
208,878	46,630	14,098	269,606.04		0	0	0	0.00		135,447	41,970	20,362	197,780.13		41,175	9,216	4,719	55,109.06		0	0	0	0.00		91,117	11,307	10,878	113,301.53	

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Annual Depreciation Exp from Attachment 5

PJM Upgrade ID: b1023.1				PJM Upgrade ID: b1941				PJM Upgrade ID: b2343				PJM Upgrade ID: b1840				PJM Upgrade ID: b2235				PJM Upgrade ID: b2260			
502 Junction Substation				Handsome Lake - Homer City				West Union				Rider Sub (West Milford)				Monocacy SS				Bartonville SS Capacitor			
Yes				Yes				Yes				Yes				Yes				Yes			
No		11.70%		No		11.70%		No		11.70%		No		11.70%		No		11.70%		No		11.70%	
11.3905%				11.3905%				11.3905%				11.3905%				11.3905%				11.3905%			
11.3905%				11.3905%				11.3905%				11.3905%				11.3905%				11.3905%			
19,558,750				10,469,564				886,446				15,035,399				31,176,955				557,070			
124,532				276,582				18,859				555,616				627,618				14,379			
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue
2,227,842	124,532	341,030	2,693,404.60	1,192,537	276,582	136,201	1,605,320.37	100,971	18,859	11,381	131,211.42	1,712,609	555,616	147,571	2,415,796.82	3,551,215	627,618	77,702	4,256,535.05	63,453	14,379	4,113	81,945.32
2,227,842	124,532	341,030	2,693,404.60	1,192,537	276,582	136,201	1,605,320.37	100,971	18,859	11,381	131,211.42	1,712,609	555,616	147,571	2,415,796.82	3,551,215	627,618	77,702	4,256,535.05	63,453	14,379	4,113	81,945.32

For Plant in Service
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PJM Upgrade ID: b1802 & b1608				PJM Upgrade ID: b0555				PJM Upgrade ID: b1943				PJM Upgrade ID: b0376				PJM Upgrade ID: b2364 & b2364.1			
Mainsburg SS				Johnstown Sub Capacitor				Claysburg Ring Bus				Conemaugh Capacitor				Squab Hollow SS			
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"				"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"			
Input the allowed ROE				Input the allowed ROE				Input the allowed ROE				Input the allowed ROE				Input the allowed ROE			
From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12				From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12			
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Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5				Annual Depreciation Exp from Attachment 5			
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue
3,337,909	460,938	117,606	3,916,452.64	139,400	28,424	9,119	176,942.42	706,956	161,873	47,208	916,036.74	0	0	0	0.00	1,709,218	421,255	50,768	2,181,240.58
3,337,909	460,938	117,606	3,916,452.64	139,400	28,424	9,119	176,942.42	706,956	161,873	47,208	916,036.74	0	0	0	0.00	1,709,218	421,255	50,768	2,181,240.58

For Plant in Service
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18 then line 3, and if line 12 is "Yes" then line 7
19 Forecast – End of prior year net plant plus current year
20 forecast of CWIP or Cap Adds.
reconciliation – Average of 13 month prior year net plant
balances plus prior year 13-mo CWIP balances.
Annual Depreciation Exp from Attachment 5

PJM Upgrade ID: b2362 & b2632.1				PJM Upgrade ID: b2156				PJM Upgrade ID: b2546				PJM Upgrade ID: b2545				PJM Upgrade ID: b2441				PJM Upgrade ID: b2547, b2547.1, b2547.2							
Squab Hollow SVC				Shingletown Capacitor				Nyswaner				Richwood Hill				Erie South				Joffre Sub							
Yes				Yes				Yes				Yes				Yes				Yes							
No				No				No				No				No				No							
11.70%				11.70%				11.70%				11.70%				11.70%				11.70%							
11.3905%				11.3905%				11.3905%				11.3905%				11.3905%				11.3905%							
11.3905%				11.3905%				11.3905%				11.3905%				11.3905%				11.3905%							
23,593,358				1,356,391				761,559				60,610,494				35,985,292				39,006,579				97,151,164			
833,431				43,804				19,504				1,546,424				1,143,955				1,096,563				1,930,791			
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return			
2,687,405	833,431	75,828	3,596,663.37	154,500	43,804	9,550	207,853.83	86,746	19,504	5,848	112,096.88	6,903,847	1,546,424	165,364	8,615,635.06	4,098,910	1,143,955	25,877	5,268,741.99	4,443,050	1,096,563	146,130	5,685,742.87	11,066,017			
2,687,405	833,431	75,828	3,596,663.37	154,500	43,804	9,550	207,853.83	86,746	19,504	5,848	112,096.88	6,903,847	1,546,424	165,364	8,615,635.06	4,098,910	1,143,955	25,877	5,268,741.99	4,443,050	1,096,563	146,130	5,685,742.87	11,066,017			

For Plant in Service
"Pre-Commercial Exp" is equal to the amount of pre-commerc
Revenue is equal to the "Return" ("Investment" times FCR) p
"Reconciliation Amount" is created in the reconciliation in Atta

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PJM Upgrade ID: b2118					PJM Upgrade ID: b2996, b2996.1, b2996.2							
New Martinsville Capacitor					Flint Run Substation							
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"					"Yes" if a project under PJM OATT Schedule 12, otherwise "No"							
"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"					"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"							
Input the allowed ROE					Input the allowed ROE							
From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12					From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12							
If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7					If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7							
Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.					Forecast - End of prior year net plant plus current year forecast of CWIP or Cap Adds.							
reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.					reconciliation - Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.							
Annual Depreciation Exp from Attachment 5					Annual Depreciation Exp from Attachment 5							
	Return	Depreciation	Reconciliation amount	Revenue		Return	Depreciation	Reconciliation amount	Revenue	Total	Incentive Charged	Revenue Credit
	0	0	0	0.00		17,013,650	878,468	2,285,225	20,177,343.38	272,831,541.89		272,831,541.89
	0	0	0	0.00		17,013,650	878,468	2,285,225	20,177,343.38	278,570,075.79	278,570,075.79	

\$5,738,533.91
 Ax A Line 148

For Plant in Service
 "Pre-Commercial Exp" is equal to the amount of pre-commerc
 Revenue is equal to the "Return" ("Investment" times FCR) p
 "Reconciliation Amount" is created in the reconciliation in Atta

Template for Annual Information Filings with Formula Rate Debt Cost Disclosure and True-Up
Attachment 8, page 1, Table 1 and 2
Template for Annual Information Filings with Formula Rate Debt Cost Disclosure and True-Up

TABLE 1: Summary Cost of Long Term Debt

CALCULATION OF COST OF DEBT

YEAR ENDED		12/31/2022										
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
		t=N	Issue Date	Maturity Date	ORIGINAL ISSUANCE	Net Proceeds At Issuance	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in Year* z*	Weighted Outstanding Ratios	Effective Cost Rate (Tables 2 and 3)	Weighted Debt Cost at t = N (h) * (i)
Long Term Debt Cost at Year Ended:												
First Mortgage Bonds:												
(1)	3.85%, Senior Unsecured Notes	No	12/11/2014	6/2/2025	\$ 550,000,000	\$ 545,247,429	\$ 548,899,618	12	\$ 548,899,618.33	88.00%	3.95%	3.48%
(2)	3.76%, Senior Unsecured Notes		10/16/2015	5/30/2025	\$ 75,000,000	\$ 74,437,647	\$ 74,859,012	12	\$ 74,859,011.67	12.00%	3.85%	0.46%
TOTAL					\$ 625,000,000	\$ 623,758,630	\$ 623,758,630		\$ 623,758,630	100.000%		3.94%

t = time
The current portion of long term debt is included in the Net Amount Outstanding at t = N in these calculations.
The outstanding amount (column (e)) for debt retired during the year is the outstanding amount at the last month it was outstanding.
* z = Average of monthly balances for months outstanding during the year (average of the balances for the 12 months of the year, with zero in months that the issuance is not outstanding in a month).
Interim (individual debenture) debt cost calculations shall be taken to four decimals in percentages (7.2300%, 5.2582%); Final Total Weighted Average Debt Cost for the Formula Rate shall be rounded to two decimals of a percent (7.03%).
** This Total Weighted Average Debt Cost will be shown on Line 101 of formula rate Appendix A.

TABLE 2: Effective Cost Rates For Traditional Front-Loaded Debt Issuances:

YEAR ENDED		12/31/2022												
		(aa)	(bb)	(cc)	(dd)	14	(ee)	(ff)	(gg)	(hh)	(ii)	(jj)	(kk)	(ll)
		Issue Date	Maturity Date	Amount Issued	(Discount) Premium at Issuance		Issuance Expense	Loss/Gain on Reacquired Debt	Less Related ADIT (Attachment 1)	Net Proceeds	Net Proceeds Ratio	Coupon Rate	Annual Interest	Effective Cost Rate* (Yield to Maturity at Issuance, t = 0)
(1)	3.85%, Senior Unsecured Notes	No	12/11/2014	\$ 550,000,000	\$ (418,000)		4,334,571	-	xxx	\$ 545,247,429	99.1359	3.85%	\$ 21,175,000	3.95%
(2)	3.76%, Senior Unsecured Notes		10/16/2015	\$ 75,000,000			562,353	-	xxx	\$ 74,437,647	99.2502	3.76%	\$ 2,820,000	3.85%
TOTALS				\$ 625,000,000	(418,000)		\$ 4,896,924	-	xxx	\$ 619,685,076			\$ 23,995,000	

* YTM at issuance calculated from an acceptable bond table or from YTM = Internal Rate of Return (IRR) calculation

Trans-Allegheny Interstate Line Company

Attachment 9 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology

TrAILCo anticipates its financing will be a 7 year loan, where by TrAILCo pays Origination Fees of \$5.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below. Each year, TrAILCo will true up the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount on this attachment.

Total Loan Amount

Internal Rate of Return¹

Based on following Financial Formula²:

$$NPV = 0 = \sum_{t=1}^N C_t / (1 + IRR)^{pwr(t)}$$

Origination Fees
 Origination Fees
 Addition Origination Fees
 Total Issuance Expense

Revolving Credit Commitment Fee
 Revolving Credit Commitment Fee

After borrowing is at the midpoint (\$275,000)

	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

Commitment fees for 4th quarter 2008

Attachment 3

Accounting of Transfers Between CWIP and Plant In Service

May 15, 2023

Trans-Allegheny Interstate Line Company
Detail Transfers from CWIP to Plant in Service
2022 Reconciliation of Transmission Revenue Requirement Formula Rate

Work Order ID	Work Order Number	FERC Account 101/106 Account	Sub-	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
TrAIL Projects						
502 Junction to Territorial Line						
	478229242	35022, 35400, 35610, 35500, 35620		Line Construction 2	(1,022,065.60)	April 1, 2022
	478229242	35022, 35400, 35610, 35500, 35620		Line Construction 2	425.07	June 1, 2022
	478229242	35022, 35400, 35610, 35500, 35620		Line Construction 2	5,482.54	July 1, 2022
	478229242	35022, 35400, 35610, 35500, 35620		Line Construction 2	5,257.11	August 1, 2022
	478229242	35022, 35400, 35610, 35500, 35620		Line Construction 2	9,341.97	September 1, 2022
	478229242	35022, 35400, 35610, 35500, 35620		Line Construction 2	482.80	October 1, 2022
	478229242	35022, 35400, 35610, 35500, 35620		Line Construction 2	120.89	November 1, 2022
13412255				Total	(1,000,955.22)	
13416100	478316423	35022, 35400, 35610, 35620		Line Construction 16	(366,053.00)	April 1, 2022
13419997	478541318	35500, 35610		Line Construction 3	3,000.00	June 1, 2022
	3456516305	35610		536 Line 502 JCT-MT STORM 500KV	26,418.59	June 1, 2022
	3456516305	35610		536 Line 502 JCT-MT STORM 500KV	39,670.63	July 1, 2022
	3456516305	35610		536 Line 502 JCT-MT STORM 500KV	(51,861.48)	August 1, 2022
16880217				Total	14,227.74	
16909154	3550420585	35610, 35620		TrAIL Work Order to Fix Unitization	(135.12)	October 1, 2022
	3595566355	35300		502 Jct :UAS anti-drone technology	857,629.96	September 1, 2022
	3595566355	35300		502 Jct :UAS anti-drone technology	(55,109.19)	October 1, 2022
	3595566355	35300		502 Jct :UAS anti-drone technology	608.68	November 1, 2022
	3595566355	35300		502 Jct :UAS anti-drone technology	(89.11)	December 1, 2022
17268380				Total	803,040.34	
17349160	3606329124	35300		502 Jct: MPLS - serial/ethernet car	966,751.88	December 1, 2022
	3621958223	35610		536 Line 402 JCT-Mt Storm (Trail) 5	13,755.71	November 1, 2022
	3621958223	35610		536 Line 402 JCT-Mt Storm (Trail) 5	(302.88)	December 1, 2022
17458927				Total	13,452.83	
	3630416086	35610		536 Line 502 JCT-Mt Storm (Trail) 5	80,409.71	November 1, 2022
	3630416086	35610		536 Line 502 JCT-Mt Storm (Trail) 5	20,496.97	December 1, 2022
17511028				Total	100,906.68	
Total 502 Junction to Territorial Line					534,236.13	
Other Projects						
	511281437	35300		Mansfield-Everts Dr-Build new 345/1	19,403.00	June 1, 2022
	511281437	35210, 25200		Mansfield-Everts Dr-Build new 345/1	39,001.09	August 1, 2022
	511281437	35210, 25200		Mansfield-Everts Dr-Build new 345/1	(19,289.09)	September 1, 2022
13302963				Total	39,115.00	
13547208	523690351	35210, 35220, 35300		Pierce Brook Sub: Install 345/230 kV	1,093.00	June 1, 2022
14057705	534342055	35210, 35300		Squab Hollow SS: TrAILCo CIAC/230-	108.55	June 1, 2022

	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	January 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	February 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	March 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	April 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	May 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	June 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	July 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	August 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	September 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	October 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	November 1, 2022
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	December 1, 2022
14276743			Total	10,512.00	
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	15,050.35	January 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	23,045.74	February 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	8,018.43	March 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	79,962.56	April 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	67,896.37	May 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	37,752.56	June 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	(3,743.77)	July 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	11,794.79	August 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	27,114.66	September 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	22,541.12	October 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	168,834.06	November 1, 2022
	689555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	139,726.54	December 1, 2022
14464108			Total	597,993.41	
14528199	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	9,074.00	July 1, 2022
14744335	774109374	35300	Meadow Brook-Repl Arresters on T1 X	31,646.81	June 1, 2022
	819169432	35300	Black oak SVC-Inst MPLS Equipment	1,792.05	January 1, 2022
	819169432	35300	Black oak SVC-Inst MPLS Equipment	96.85	February 1, 2022
	819169432	35300	Black oak SVC-Inst MPLS Equipment	(96.85)	March 1, 2022
15045170			Total	1,792.05	
	847075149	35300	Meadow Brook SS: Replace Monitor	1,402.16	February 1, 2022
	847075149	35300	Meadow Brook SS: Replace Monitor	4,014.02	March 1, 2022
	847075149	35300	Meadow Brook SS: Replace Monitor	687.70	April 1, 2022
15251957			Total	6,103.88	
15504855	3382211383	35400	Buckhannon Falls-Rider GlenFalls	2,948.82	August 1, 2022
	3497808854	35300	Hunterstown SVC: Security SALTO	(89.69)	January 1, 2022
	3497808854	35300	Hunterstown SVC: Security SALTO	(183.15)	February 1, 2022
	3497808854	35300	Hunterstown SVC: Security SALTO	699.20	April 1, 2022
	3497808854	35300	Hunterstown SVC: Security SALTO	(333.82)	May 1, 2022
	3497808854	35300	Hunterstown SVC: Security SALTO	1,447.34	July 1, 2022
	3497808854	35300	Hunterstown SVC: Security SALTO	(559.84)	August 1, 2022
	3497808854	35300	Hunterstown SVC: Security SALTO	1,768.96	September 1, 2022
	3497808854	35300	Hunterstown SVC: Security SALTO	817.18	October 1, 2022
	3497808854	35300	Hunterstown SVC: Security SALTO	303.22	November 1, 2022
	3497808854	35300	Hunterstown SVC: Security SALTO	(9.23)	December 1, 2022
15711074			Total	3,860.17	
	3417152395	35300	Flint Run SS - New 500/138 kV	(524,129.34)	January 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	594,209.51	February 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	205,587.23	March 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	(497,868.76)	April 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	1,014,133.01	May 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	295,285.69	June 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	(569,430.56)	July 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	2,086,775.92	August 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	1,204,181.04	September 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	364,653.69	October 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	155,103.30	November 1, 2022
	3417152395	35300	Flint Run SS - New 500/138 kV	420,381.94	December 1, 2022
15801970			Total	4,748,882.67	

	3417152442	35300	Flint Run SS - New MPLS and SCADA	(9,823.26)	January 1, 2022
	3417152442	35300	Flint Run SS - New MPLS and SCADA	(4,989.76)	February 1, 2022
	3417152442	35300	Flint Run SS - New MPLS and SCADA	346.50	July 1, 2022
	3417152442	35300	Flint Run SS - New MPLS and SCADA	(172.95)	August 1, 2022
	3417152442	35300	Flint Run SS - New MPLS and SCADA	299.16	October 1, 2022
	3417152442	35300	Flint Run SS - New MPLS and SCADA	747.89	November 1, 2022
	3417152442	35300	Flint Run SS - New MPLS and SCADA	129.66	December 1, 2022
15802094			Total	<u>(13,462.76)</u>	
	3417165054	35300	Harrison SS- Repl Belmont Relaying	14,490.39	January 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	23,759.48	February 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	(9,526.57)	March 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	(370.15)	April 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	14,144.96	May 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	3,006.69	June 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	(44,824.35)	July 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	46,071.71	August 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	1,445.04	September 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	(173.77)	October 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	(1,575.55)	November 1, 2022
	3417165054	35300	Harrison SS- Repl Belmont Relaying	(327.12)	December 1, 2022
15802349			Total	<u>46,120.76</u>	
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	(113,478.57)	January 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	134,899.17	February 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	53,252.62	March 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	(7,636.03)	April 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	(954,608.65)	May 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	(134,242.14)	June 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	2,939,815.48	July 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	(2,577,590.21)	August 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	247,156.34	September 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	(73,833.50)	October 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	138,634.73	November 1, 2022
	3417168029	35500, 35610	Flint Run-Waldo Run 138 kV (No 2)	49,341.63	December 1, 2022
15802372			Total	<u>(298,289.13)</u>	
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	598,533.35	January 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	449,596.55	February 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	47,544.81	March 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	(42,328.65)	April 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	(944,191.25)	May 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	(128,708.30)	June 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	2,899,536.41	July 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	(2,575,894.30)	August 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	234,359.46	September 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	(78,661.92)	October 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	111,681.18	November 1, 2022
	3417168005	35500, 35610	Flint Run-Waldo Run 138kV (No 1)	38,755.27	December 1, 2022
15802375			Total	<u>610,222.61</u>	
	15802407	35300	Belmont SS-Repl Harrison Relaying	26,776.65	January 1, 2022
	15802407	35300	Belmont SS-Repl Harrison Relaying	(3,732.50)	February 1, 2022
	15802407	35300	Belmont SS-Repl Harrison Relaying	713.59	March 1, 2022
	15802407	35300	Belmont SS-Repl Harrison Relaying	20,597.60	May 1, 2022
	15802407	35300	Belmont SS-Repl Harrison Relaying	10,608.75	June 1, 2022
	15802407	35300	Belmont SS-Repl Harrison Relaying	(92,454.48)	July 1, 2022
	15802407	35300	Belmont SS-Repl Harrison Relaying	109,953.21	August 1, 2022
	15802407	35300	Belmont SS-Repl Harrison Relaying	(431,086.12)	September 1, 2022
15802407			Total	<u>(358,623.30)</u>	
		35300	Waldo Run SS-add 138 kV 3 brk string	41,621.81	January 1, 2022
	3417165128	35300	Waldo Run SS-add 138 kV 3 brk string	1,348.66	February 1, 2022
	3417165128	35300	Waldo Run SS-add 138 kV 3 brk string	(81,955.04)	March 1, 2022
	3417165128	35300	Waldo Run SS-add 138 kV 3 brk string	138.82	April 1, 2022
	3417165128	35300	Waldo Run SS-add 138 kV 3 brk string	2,480.99	June 1, 2022
	3417165128	35300	Waldo Run SS-add 138 kV 3 brk string	(5,561.45)	July 1, 2022
	3417165128	35300	Waldo Run SS-add 138 kV 3 brk string	1,908.31	August 1, 2022
	3417165128	35300	Waldo Run SS-add 138 kV 3 brk string	338.00	December 1, 2022
15802428			Total	<u>(39,679.90)</u>	

	3428057841	35300	Mainsburg SS - Install MPLS	(10,601.61)	June 1, 2022
	3428057841	35300	Mainsburg SS - Install MPLS	575.56	July 1, 2022
	3428057841	35300	Mainsburg SS - Install MPLS	1,361.85	August 1, 2022
15880949			Total	<u>(8,664.20)</u>	
15922761	3432749693	35300	Cabot SS-Repl SEL-1102	(11,304.35)	August 1, 2022
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	9,954.03	February 1, 2022
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	(9,954.03)	September 1, 2022
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	11,218.15	October 1, 2022
16052739			Total	<u>11,218.15</u>	
	3448480179	35300	Meadow Brook SS-Line Rel & Carrier	681,483.47	March 1, 2022
	3448480179	35300	Meadow Brook SS-Line Rel & Carrier	(681,483.47)	April 1, 2022
16074158			Total	<u>-</u>	
	3452358036	35011	Real Est-Acquire New Flint Run 500k	(885.40)	January 1, 2022
	3452358036	35011	Real Est-Acquire New Flint Run 500k	(2,953.82)	February 1, 2022
	3452358036	35011	Real Est-Acquire New Flint Run 500k	916.02	March 1, 2022
	3452358036	35011	Real Est-Acquire New Flint Run 500k	1,667.52	April 1, 2022
	3452358036	35011	Real Est-Acquire New Flint Run 500k	2,556.55	May 1, 2022
	3452358036	35011	Real Est-Acquire New Flint Run 500k	1,259.60	June 1, 2022
	3452358036	35011	Real Est-Acquire New Flint Run 500k	(4,717.35)	July 1, 2022
	3452358036	35011	Real Est-Acquire New Flint Run 500k	8,017.89	August 1, 2022
	3452358036	35011	Real Est-Acquire New Flint Run 500k	823.44	September 1, 2022
	3452358036	35011	Real Est-Acquire New Flint Run 500k	(53.91)	October 1, 2022
	3452358036	35011	Real Est-Acquire New Flint Run 500k	348.51	December 1, 2022
16105399			Total	<u>6,979.05</u>	
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	74,302.82	January 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	(44,887.90)	February 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	(54,338.63)	March 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	63,836.02	April 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	7,905.63	May 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	10,005.54	June 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	(22,026.19)	July 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	58,537.75	August 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	45,592.62	September 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	5,179.74	October 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	23,379.27	November 1, 2022
	3452358055	35011	Flint Run-Waldo Run 138Kv No. 1	21,426.22	December 1, 2022
16105456			Total	<u>188,912.89</u>	
	3490446328	35300	Black Oak SVC - Instll Security RADA	(6,558.06)	January 1, 2022
	3490446328	35300	Black Oak SVC - Instll Security RADA	1,890.29	February 1, 2022
	3490446328	35300	Black Oak SVC - Instll Security RADA	3,164.37	March 1, 2022
	3490446328	35300	Black Oak SVC - Instll Security RADA	6,967.77	April 1, 2022
	3490446328	35300	Black Oak SVC - Instll Security RADA	12,691.38	May 1, 2022
	3490446328	35300	Black Oak SVC - Instll Security RADA	(2,034.92)	June 1, 2022
	3490446328	35300	Black Oak SVC - Instll Security RADA	(2,858.42)	July 1, 2022
	3490446328	35300	Black Oak SVC - Instll Security RADA	(452.75)	August 1, 2022
	3490446328	35300	Black Oak SVC - Instll Security RADA	443.45	September 1, 2022
	3490446328	35300	Black Oak SVC - Instll Security RADA	(42.63)	October 1, 2022
16397760			Total	<u>13,210.48</u>	
	3509862433	35300	Waldo Run SS: Rebuild Hillside	69,640.22	February 1, 2022
	3509862433	35300	Waldo Run SS: Rebuild Hillside	2,442.28	June 1, 2022
16558067			Total	<u>72,082.50</u>	
	3511482335	35300	MAINESBURG nstall Software Update o	143,831.39	November 1, 2022
	3511482335	35300	MAINESBURG nstall Software Update o	129,495.18	December 1, 2022
16571767			Total	<u>273,326.57</u>	
	3511789632	35300	502 JCT- On line Equipment Monitorin	(4,010.75)	January 1, 2022
	3511789632	35300	502 JCT- On line Equipment Monitorin	14,844.74	February 1, 2022
	3511789632	35300	502 JCT- On line Equipment Monitorin	1,871.54	March 1, 2022
	3511789632	35300	502 JCT- On line Equipment Monitorin	9,112.12	April 1, 2022
	3511789632	35300	502 JCT- On line Equipment Monitorin	10,126.70	May 1, 2022
	3511789632	35300	502 JCT- On line Equipment Monitorin	663.02	June 1, 2022
	3511789632	35300	502 JCT- On line Equipment Monitorin	(6,099.78)	July 1, 2022
	3511789632	35300	502 JCT- On line Equipment Monitorin	5,785.91	August 1, 2022
	3511789632	35300	502 JCT- On line Equipment Monitorin	183.00	September 1, 2022
16573287			Total	<u>32,476.50</u>	

	3573012992	35300	RIDER- Wiring chanfes & inst MPLS	(30.11)	January 1, 2022
	3573012992	35300	RIDER- Wiring chanfes & inst MPLS	(926.07)	September 1, 2022
16689099			Total	(956.18)	
	3532293565	35300	502 JCT-Repl Control DeviseMaster D	908.69	January 1, 2022
	3532293565	35300	502 JCT-Repl Control DeviseMaster D	(5.72)	February 1, 2022
	3532293565	35300	502 JCT-Repl Control DeviseMaster D	5.32	March 1, 2022
16754142			Total	908.29	
	3537186188	35210	502 JCT-SS Security Kiosks Inst	89,873.78	June 1, 2022
	3537186188	35210	503 JCT-SS Security Kiosks Inst	5,192.66	July 1, 2022
	3537186188	35210	504 JCT-SS Security Kiosks Inst	(0.85)	August 1, 2022
16793038			Total	95,065.59	
	3537435949	35210	PIERCE BROOK-SS Security Kiosks	61,004.21	April 1, 2022
	3537435949	35210	PIERCE BROOK-SS Security Kiosks	(945.83)	June 1, 2022
16796304			Total	60,058.38	
16909154	3550420585	35011, 35022, 35220, 35300, 35500, 35610	TrAIL Work Order to Fix Unitization	(864,685.26)	October 1, 2022
	3559381190	35300	SQUAB HOLLOW-Remote end upgrades	420,655.90	September 1, 2022
	3559381190	35300	SQUAB HOLLOW-Remote end upgrades	(3,078.64)	October 1, 2022
	3559381190	35300	SQUAB HOLLOW-Remote end upgrades	709.73	November 1, 2022
	3559381190	35300	SQUAB HOLLOW-Remote end upgrades	144.62	December 1, 2022
16975454			Total	418,431.61	
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	367,281.79	January 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	554,517.95	February 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	317,741.04	March 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	23,380.18	April 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	(152,896.32)	May 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	29,232.61	June 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	978,143.47	July 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	(1,284,121.97)	August 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	1,354.23	September 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	5,361.78	October 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	2,209.41	November 1, 2022
	3569139077	35300	502 Junction-Failure-Rpl Bank 2 TR	1,349.99	December 1, 2022
17038573			Total	843,554.16	
	3587848369	35300	Black Oak SVC-Security Fence	1,520,730.53	April 1, 2022
	3587848369	35300	Black Oak SVC-Security Fence	15,882.75	May 1, 2022
	3587848369	35300	Black Oak SVC-Security Fence	(54,775.69)	June 1, 2022
	3587848369	35300	Black Oak SVC-Security Fence	764,205.55	July 1, 2022
	3587848369	35300	Black Oak SVC-Security Fence	(554,091.16)	August 1, 2022
	3587848369	35300	Black Oak SVC-Security Fence	35,304.74	September 1, 2022
17203453			Total	1,727,256.72	
	3590344539	35300	WALDO RUN-Crossbow Connectivity	161,197.79	November 1, 2022
	3590344539	35300	WALDO RUN-Crossbow Connectivity	8,251.50	December 1, 2022
17229789			Total	169,449.29	
	3590344561	35300	RIDER-Crossbow Connectivity	100,170.13	September 1, 2022
	3590344561	35300	RIDER-Crossbow Connectivity	(47,862.56)	October 1, 2022
	3590344561	35300	RIDER-Crossbow Connectivity	7,258.63	November 1, 2022
	3590344561	35300	RIDER-Crossbow Connectivity	12,645.55	December 1, 2022
17229824			Total	72,211.75	
	3590344576	35300	Joffre: Crossbow - connectivity (R)	66,746.91	October 1, 2022
	3590344576	35300	Joffre: Crossbow - connectivity (R)	15,710.10	November 1, 2022
	3590344576	35300	Joffre: Crossbow - connectivity (R)	(8,701.32)	December 1, 2022
17229825			Total	73,755.69	
	3595553988	35300	Flint Run-Counter UAS antidrone tec	514,820.11	October 1, 2022
	3595553988	35300	Flint Run-Counter UAS antidrone tec	(5,122.76)	November 1, 2022
	3595553988	35300	Flint Run-Counter UAS antidrone tec	17,455.99	December 1, 2022
17261189			Total	527,153.34	
	3595562910	35300	Wylie Ridge-Counter UAS antidrone t	1,178,166.73	September 1, 2022
	3595562910	35300	Wylie Ridge-Counter UAS antidrone t	2,308.49	October 1, 2022
	3595562910	35300	Wylie Ridge-Counter UAS antidrone t	1,053.96	November 1, 2022
	3595562910	35300	Wylie Ridge-Counter UAS antidrone t	(89.11)	December 1, 2022
17268003			Total	1,181,440.07	

	3595562973	35300	Doubs Sub-Counter UAS antidrone tec	219,167.63	November 1, 2022
	3595562973	35300	Doubs Sub-Counter UAS antidrone tec	715,333.30	December 1, 2022
17268196			Total	<u>934,500.93</u>	
	3595563014	35300	Cabot: UAS anti-drone technology	764,868.50	September 1, 2022
	3595563014	35300	Cabot: UAS anti-drone technology	16,166.00	October 1, 2022
	3595563014	35300	Cabot: UAS anti-drone technology	797.33	November 1, 2022
	3595563014	35300	Cabot: UAS anti-drone technology	4,602.00	December 1, 2022
17268228			Total	<u>786,433.83</u>	
	3595565437	35300	Meadowbrook-Counter UAS antidrone t	1,058,444.47	November 1, 2022
	3595565437	35300	Meadowbrook-Counter UAS antidrone t	43,593.07	December 1, 2022
17268254			Total	<u>1,102,037.54</u>	
	3595566317	35300	Bedington-Counter UAS antidrone tec	870,860.49	November 1, 2022
	3595566317	35300	Bedington-Counter UAS antidrone tec	45,067.97	December 1, 2022
17268359			Total	<u>915,928.46</u>	
17274582	3596459629	35300	Pierce Brook-On-Line Monitor-Update	163,641.19	December 1, 2022
	3598616649	35210	502 Jct: Salto access controls	55,401.32	October 1, 2022
	3598616649	35210	503 Jct: Salto access controls	2,372.51	November 1, 2022
	3598616649	35210	504 Jct: Salto access controls	1,609.74	December 1, 2022
17294550			Total	<u>59,383.57</u>	
	3598616677	35210	Cabot: Salto access controls	56,936.92	October 1, 2022
	3598616677	35210	Cabot: Salto access controls	2,496.80	November 1, 2022
	3598616677	35210	Cabot: Salto access controls	1,609.74	December 1, 2022
17294551			Total	<u>61,043.46</u>	
	3600122338	35300	Mainburg -Replace-125VDC	256,179.46	October 1, 2022
	3600122338	35300	Mainburg -Replace-125VDC	13,902.68	November 1, 2022
	3600122338	35300	Mainburg -Replace-125VDC	7,654.82	December 1, 2022
17303434			Total	<u>277,736.96</u>	
17304965	3600240149	35300	Rider-MPLS 77005 Card Rpl	19,131.19	December 1, 2022
17304987	3600240160	35300	Waldo Run-MPLS 7705 Card Rpl	12,239.36	December 1, 2022
17306345	3600355202	35300	Oak Mound-MPLS 7705 Card Rpl	16,673.15	December 1, 2022
	3600357478	35300	Armstrong: MLPS - serial/ethernet c	12,331.44	November 1, 2022
	3600357478	35300	Armstrong: MLPS - serial/ethernet c	2,734.08	December 1, 2022
17306666			Total	<u>15,065.52</u>	
17308124	3600488810	35300	Flint Run-MPLS 7705 Card Rpl	14,816.42	December 1, 2022
	3603698615	35300	Osage-Update serial and ethernet ca	17,324.64	November 1, 2022
	3603698615	35300	Osage-Update serial and ethernet ca	(1.65)	December 1, 2022
17327017			Total	<u>17,322.99</u>	
	3603689560	35300	Waldo Run-Replace current video sys	33,970.12	August 1, 2022
	3603689560	35300	Waldo Run-Replace current video sys	1,002.69	November 1, 2022
	3603689560	35300	Waldo Run-Replace current video sys	(81.98)	December 1, 2022
17327217			Total	<u>34,890.83</u>	
	3603698758	35300	Wylie Ridge-Upgrade all serial and	15,807.91	October 1, 2022
	3603698758	35300	Wylie Ridge-Upgrade all serial and	(109.99)	November 1, 2022
	3603698758	35300	Wylie Ridge-Upgrade all serial and	(1.65)	December 1, 2022
17327352			Total	<u>15,696.27</u>	
17327379	3603698835	35300	Richwod Hill-Upgrade all serial an	15,031.22	December 1, 2022
	3603698924	35300	West Union-Upgrade all serial and e	16,978.66	November 1, 2022
	3603698924	35300	West Union-Upgrade all serial and e	1,028.28	December 1, 2022
17327410			Total	<u>18,006.94</u>	
	3603812346	35300	MOSHANNON-Upgrade serial and Ethern	22,644.71	November 1, 2022
	3603812346	35300	MOSHANNON-Upgrade serial and Ethern	1,795.04	December 1, 2022
17329070			Total	<u>24,439.75</u>	
17332346	3604293360	35300	DOUBS FE South MPLS 7705 Card Replac	12,901.41	December 1, 2022

	3604313606	35300	MEADOW BROOK SVC - Install Salto ac	48,816.97	October 1, 2022
	3604313606	35300	MEADOW BROOK SVC - Install Salto ac	971.43	November 1, 2022
	3604313606	35300	MEADOW BROOK SVC - Install Salto ac	(89.10)	December 1, 2022
17332457			Total	<u>49,699.30</u>	
	3604357439	35300	MONOCACY SVC - Install Salto access	43,464.37	October 1, 2022
	3604357439	35300	MONOCACY SVC - Install Salto access	1,089.86	November 1, 2022
	3604357439	35300	MONOCACY SVC - Install Salto access	(89.10)	December 1, 2022
17332529			Total	<u>44,465.13</u>	
17337444	3605198366	35300	FLINT RUN - MP Program MP Group 1-	162,526.97	December 1, 2022
17343448	3605831636	35300	Whitely: MPLS - serial/ethernet ca	17,837.63	December 1, 2022
17344101	3605931035	35300	WEST UNION - Crossbpw Connectivity	111,098.09	December 1, 2022
	3606433947	35300	At Meadow Brook, replace outdated v	101,910.37	August 1, 2022
	3606433947	35300	At Meadow Brook, replace outdated v	1,089.86	November 1, 2022
	3606433947	35300	At Meadow Brook, replace outdated v	(89.09)	December 1, 2022
17347839			Total	<u>102,911.14</u>	
	3606226994	35300	Joffre: MPLS - serial/ethernet card	16,107.06	November 1, 2022
	3606226994	35300	Joffre: MPLS - serial/ethernet card	3,043.34	December 1, 2022
17348098			Total	<u>19,150.40</u>	
	3606829066	35300	Black Oak Svc-Install Salto access	47,899.41	October 1, 2022
	3606829066	35300	Black Oak Svc-Install Salto access	991.74	November 1, 2022
	3606829066	35300	Black Oak Svc-Install Salto access	(89.10)	December 1, 2022
17352988			Total	<u>48,802.05</u>	
	3607538579	35300	Squab Hollow: Video System - r/p se	33,970.12	August 1, 2022
	3607538579	35300	Squab Hollow: Video System - r/p se	1,089.86	November 1, 2022
	3607538579	35300	Squab Hollow: Video System - r/p se	(89.09)	December 1, 2022
17355990			Total	<u>34,970.89</u>	
	3607538624	35300	At Doubs 2, Replacement of current	33,970.12	August 1, 2022
	3607538624	35300	At Doubs 2, Replacement of current	1,089.86	November 1, 2022
	3607538624	35300	At Doubs 2, Replacement of current	(89.09)	December 1, 2022
17356072			Total	<u>34,970.89</u>	
	3607538634	35300	At Doubs 3, Replacement of current	33,970.12	August 1, 2022
	3607538634	35300	At Doubs 3, Replacement of current	1,089.86	November 1, 2022
	3607538634	35300	At Doubs 3, Replacement of current	(89.09)	December 1, 2022
17356073			Total	<u>34,970.89</u>	
			Total Other Projects	15,459,624.05	
			Total Additions	15,993,860.18	