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May 15, 2019

BOSTON CHICAGO HOUSTON LOS ANGELES NEW YORK PALO ALTO WILMINGTON BEIJING BRUSSELS FRANKFURT HONG KONG LONDON MOSCOW MUNICH PARIS SÃO PAULO SEOUL SHANGHAI SINGAPORE SYDNEY TOKYO

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By eFiling

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

> Re: Trans-Allegheny Interstate Line Company Electronic Informational Filing of 2019 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 2019 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 2018 Rate Year³ (Attachment 1), (ii) the annual transmission revenue requirements for the 2019 Rate Year to become effective on June 1, 2019 (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.

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TrAILCo's tariff on file with the Commission specifies that:

b. 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 on 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.

c. 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

The Annual Update attached hereto and submitted to PJM Interconnection, L.L.C. for posting on its Internet website via link to the Transmission Services page includes a recalculation of TrAILCo's annual transmission revenue requirements. 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) (2019). 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 the current rate is based.

Thank you for your attention to this informational filing. Please direct any questions to the undersigned.

Respectfully submitted,

<u>/s/ Mike Naeve</u> Mike Naeve

Attorney for Trans-Allegheny Interstate Line Company

Enclosures cc: All Parties

⁴ PJM Interconnection, L.L.C., Open Access Transmission Tariff as filed with the Commission in Docket No. ER10-2710 on September 17, 2010 ("PJM Tariff"), Attachment H-18B, Sections 1(b), (c), as amended in Docket No. ER11-2801 (effective Sept. 17, 2010).

ATTACHMENT 1

Reconciliation of 2018

Annual Transmission Revenue Requirements

ATTACHMENT H-18A

[rai	ns-Allegheny Interstate Line Company			
	nula Rate Appendix A	Notes	FERC Form 1 Page # or Instruction	TrAILCo
Sha	ded cells are input cells			2018 Reconciliation
lloca	tors			
1	Wages & Salary Allocation Factor Transmission Wages Expense		p354.21.b	
2 3	Total Wages Expense Less A&G Wages Expense		p354.28.b p354.27.b	
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	
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	2,147,372,9
7	Total Plant In Service		(Line 6)	2,147,372,9
8	Accumulated Depreciation (Total Electric Plant)		Attachment 5	258,925,3
9	Total Accumulated Depreciation		(Line 8)	258,925,3
10	Net Plant		(Line 7 - Line 9)	1,888,447,5
11	Transmission Gross Plant		(Line 15 + Line 21)	2,147,372,9
12	Gross Plant Allocator		(Line 11 / Line 7, if Line 7=0, enter 100%)	100.000
13 14	Transmission Net Plant Net Plant Allocator		(Line 11 - Line 29) (Line 13 / Line 10, if line 10=0, enter 100%)	<u>1,888,447,5</u> 100.000
ant	Calculations Transmission Plant			
15	Transmission Plant In Service	(Note B)	Attachment 5	2,057,464,1
16	New Trans. Plant Adds. for Current Calendar Year (13 average balance)	(Note B)	Attachment 6	
17	Total Transmission Plant		(Line 15 + Line 16)	2,057,464,1
18	General & Intangible		Attachment 5	89,908,7
19	Total General & Intangible		(Line 18)	89,908,7
20 21	Wage & Salary Allocator Transmission Related General and Intangible Plant		(Line 5) (Line 19 * Line 20)	100.000 89,908,7
22	Transmission Related Plant		(Line 17 + Line 21)	2,147,372,9
	Accumulated Depreciation			
23	Transmission Accumulated Depreciation	(Note B)	Attachment 5	235,662,9
24	Accumulated General Depreciation		Attachment 5	9,906,6
25 26	Accumulated Intangible Amortization Total Accumulated General and Intangible Depreciation		Attachment 5 (Sum Lines 24 to 25)	13,355,7 23,262,3
26 27	Wage & Salary Allocator		(Sum Lines 24 to 25) (Line 5)	23,262,3
28	Transmission Related General & Intangible Accumulated Depreciation		(Line 26 * Line 27)	23,262,3
29	Total Transmission Related Accumulated Depreciation		(Line 23 + Line 28)	258,925,3

Adjustment To Rate Base

31	ADIT net of FASB 106 and 109 Enter I	legative	Attachment 1	-407,586,644
32	Transmission Related Accumulated Deferred Income Taxes		(Line 31)	-407,586,644
33	Transmission Related CWIP (Current Year 13 Month weighted avera	ge balances) (Note B)	p216.b.43 as shown on Attachment 6	141,91
4	Transmission Related Land Held for Future Use	(Note C)	Attachment 5	
	Transmission Related Pre-Commercial Costs Capitalized			
5	Unamortized Capitalized Pre-Commercial Costs		Attachment 5	(
	Prepayments			
6	Transmission Related Prepayments	(Note A)	Attachment 5	119,364
	Materials and Supplies			
7	Undistributed Stores Expense	(Note A)	Attachment 5	
8	Wage & Salary Allocator		(Line 5)	100.0000%
9 D	Total Undistributed Stores Expense Allocated to Transmission		(Line 37 * Line 38) Attachment 5	
	Transmission Materials & Supplies			
1	Transmission Related Materials & Supplies		(Line 39 + Line 40)	(
	Cash Working Capital			
2	Operation & Maintenance Expense		(Line 74)	10,166,293
3	1/8th Rule		1/8	12.5%
4	Transmission Related Cash Working Capital		(Line 42 * Line 43)	1,270,78
5	Total Adjustment to Rate Base		(Lines 32 + 33 + 34 + 35+ 36 + 41 + 44)	-406,054,585
6	Rate Base		(Line 30 + Line 45)	1,482,392,936

O&M				
	Transmission O&M			
47	Transmission O&M		p321.112.b	9.404.658
48	Less Account 566 Misc Trans Exp listed on line 73 below.)		(line 73)	1,202,319
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	ő
51	Plus Property Under Capital Leases	(p200.4.c	Ō
52	Transmission O&M		(Lines 47 - 48 - 49 + 50 + 51)	8,202,339
	A&G Expenses			
53	Total A&G		p323.197.b	761,635
54	Less Property Insurance Account 924		p323.185.b	32,952
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)	728,683
60	Wage & Salary Allocator		(Line 5)	100.0000%
61	Transmission Related A&G Expenses		(Line 59 * Line 60)	728,683
	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	32,952
66	General Advertising Exp Account 930.1	(Note F)	Attachment 5	0
67	Total Accounts 928 and 930.1 - General		(Line 65 + Line 66)	32,952
68	Net Plant Allocator		(Line 14)	100.0000%
69	A&G Directly Assigned to Transmission		(Line 67 * Line 68)	32,952
	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	1,202,319
73	Total Account 566		Sum (Lines 70 to 72)	1,202,319
74	Total Transmission O&M		(Lines 52 + 61 + 64 + 69 + 73)	10,166,293
			,	,

	ation & Amortization Expense				
	Depreciation Expense				
75	Transmission Depreciation Expense			Attachment 5	43,796,533
76 77	General Depreciation Intangible Amortization		(Note A)	Attachment 5 Attachment 5	1,949,254 1,798,331
78	Total		(Note A)	(Line 76 + Line 77)	3,747,586
79	Wage & Salary Allocator			(Line 5)	100.0000%
80	Transmission Related General Depreciation and	Intangible Amortization		(Line 78 * Line 79)	3,747,586
81 1	Total Transmission Depreciation & Amortization			(Lines 75 + 80)	47,544,118
Taxes O	Other than Income				
	Transmission Related Taxes Other than Income			Au. 1	40.070 545
82 1	Transmission Related Taxes Other than income			Attachment 2	13,279,545
83 T	Total Taxes Other than Income			(Line 82)	13,279,545
Return /	Capitalization Calculations				
84 F	Preferred Dividends		enter positive	p118.29.c	0
c	Common Stock				
85	Proprietary Capital			p112.16.c	936,927,666
86	Less Accumulated Other Comprehensive Income	e Account 219		p112.15.c	0
87	Less Preferred Stock			(Line 95)	0
88 89	Less Account 216.1 Common Stock			p112.12.c (Line 85 - 86 - 87 - 88)	<u>0</u> 936,927,666
					000,021,000
	Capitalization		(AL / A.)		004 740 005
90	Long Term Debt		(Note N)	-444.04 -	624,743,835
91 92	Less Unamortized Loss on Reacquired Debt Plus Unamortized Gain on Reacquired Debt			p111.81.c p113.61.c	0 0
92 93	Less ADIT associated with Gain or Loss			Attachment 1	0
93 94	Total Long Term Debt			(Line 90 - 91 + 92 - 93)	624,743,835
95	Preferred Stock			p112.3.c	0
96	Common Stock			(Line 89)	936,927,666
97	Total Capitalization			(Sum Lines 94 to 96)	1,561,671,501
98	Debt %	Total Long Term Debt	(Note N)	(Line 94 /Line 97)	40.0048%
99	Preferred %	Preferred Stock	(Note N)	Line 95 /Line 97)	0.0000%
100	Common %	Common Stock	(Note N)	(Line 96 /Line 97)	59.9952%
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)	0.0158
105	Weighted Cost of Preferred	Preferred Stock		(Line 99 * Line 102)	0.0000
106	Weighted Cost of Common	Common Stock		(Line 100 * Line 103)	0.0702
107 F	Rate of Return on Rate Base(ROR)			(Sum Lines 104 to 106)	0.0860
108 I	nvestment Return = Rate Base * Rate of Return			(Line 46 * Line 107)	127,420,955

Income Tax Rates (Note H) 109 FIT=Federal Income Tax Rate (Note H) 110 SIT=State Income Tax Rate or Composite (percent of federal income tax deductible for state purp: Per State Tax Code 111 p T T T=1 - {[(1 - SIT] + (1 - SIT] + (1 - SIT] + (1 - SIT] + p]) =	
110 SIT=State Income Tax Rate or Composite 111 p 112 T 112 T 113 T 114 T 115 T 116 T=1 - {[[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)] =	
111 p (percent of federal income tax deductible for state purp(Per State Tax Code 112 T T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	21.00%
112 T T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	7.62%
	0.00%
113 T/ (1-T)	27.02% 37.03%
114 Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) = [Line 113 * Line 108 * (1- (Line 104 / Line	107))] 38,530,557
115 Total Income Taxes (Line 114)	38,530,557
REVENUE REQUIREMENT	
Summary 116 Net Property, Plant & Equipment (Line 30)	1,888,447,520
117 Total Adjustment to Rate Base (Line 45)	-406,054,585
118 Rate Base (Line 46)	1,482,392,936
119 Total Transmission O&M (Line 74)	10,166,293
120 Total Transmission Depreciation & Amortization (Line 81)	47,544,118
121 Taxes Other than Income (Line 83)	13,279,545
122 Investment Return (Line 108) 123 Income Taxes (Line 115)	127,420,955 38,530,557
124 Gross Revenue Requirement (Sum Lines 119 to 123)	236,941,468
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities	
125 Transmission Plant In Service (Line 22)	2,147,372,902
126 Excluded Transmission Facilities (Note L) Attachment 5	0
127 Included Transmission Facilities (Line 125 - Line 126)	2,147,372,902
128 Inclusion Ratio (Line 127 / Line 125)	100.00%
129 Gross Revenue Requirement (Line 124)	236,941,468
130 Adjusted Gross Revenue Requirement (Line 128 * Line 129)	236,941,468
Revenue Credits 131 Revenue Credits Attachment 3	1,435,459
	1,435,459
132 Net Revenue Requirement (Line 130 - Line 131)	235,506,009
Net Plant Carrying Charge	
133 Net Revenue Requirement (Line 132)	235,506,009
134 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 135 FG (Line 17 - Line 24 + Line 34)	1,821,943,038
135 FCR (Line 133 / Line 134) 136 FCR without Depreciation (Line 133 - Line 75) / Line 134	12.9261% 10.5223%
137 FCR without Depreciation and Pre-Commercial Costs (Line 13 - Line 70 - Line 71 - Line 75) / Line 13	
138 FCR without Depreciation, Return, nor Income Taxes (Line 133 - Line 75 - Line 108 - Line 115) /	
Net Plant Carrying Charge Calculation with Incentive ROE 139 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 122 - Line 123)	69,554,497
139 Net Revenue Requirement Less Return and races (Life 122 - Life 122) 140 Increased Return and Taxes Attachment 4	178,138,366
141 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140)	247,692,863
142 Net Transmission Plant + CWIP (Line 33)	1,821,943,038
143 FCR with Incentive ROE (Line 141 / Line 142)	13.5950%
144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142	11.1911%
145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 141 - Line 70 - Line 71 - Line 75) / L	Line 142 11.1911%
146 Net Revenue Requirement (Line 132)	235,506,009.26
147 Reconciliation amount Attachment 6 148 Plus anv increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones Attachment 7	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 7 149 Facility Credits under Section 30.9 of the PJM OATT Attachment 5	6,392,138.61 0.00
150 Net Zonal Revenue Requirement (Line 146 + 147 + 148 + 149)	241,898,147.87
Network Zonal Service Rate	
151 1 CP Peak (Note K) PJM Data 152 Rate (\$/MW-Year) (Line 150 / 151)	N/A 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.

- 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 filling 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%*260+60%*(365-260)]/365

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet Trans-Allegheny Interstate Company B3 End of Year for Est. Average for Final *Total* B1 F G Line B2 с D Е Only Transmission Related Beg of Year Total End of Year Retail Related Plant Related Labor Related Total ADIT Total 1 ADIT- 282 From Account Total Below 2 ADIT-283 From Account Total Below 3 ADIT-190 From Account Total Below 4 Subtotal 5 Wages & Salary Allocator 6 Gross Plant Allocator 7 ADIT 563,993,184 94,925,110 (251,331,650) 407,586,644 559,422,845 568,563,524 99,335,630 92,932,803 (246,128,398) (259,063,205) 563,993,184 94,925,110 (251,331,650) 407,586,644 563,993,184 96,134,217 (252,595,801) Enter Negative 100.0000% 100.0000% 407,586,644 407,586,644

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	с	D	E	F	G	
	L		TI	rans-Allegheny	Interstate Compa	any			
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	-	(3)	(2)			(2)			Additional tax deprecation over book
AMT Carryforward	982,089	815,017	898,553			898,553			Paid AMT tax which generates a credit
Charitable Contribution - VA RTA	-	135	68			68			Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years Disallowance in current year for charitable deduction due to tax loss, tax attribute
Charitable Contribution - WV RTA	280	1.761	1.020			1.020			carries forward five years
	200	1,701	1,020			1,020			Disallowance in current year for charitable deduction due to tax loss, tax attribute
Charitable Contribution Carryforward	13,455	-	6,728			6,728			carries forward five years
CIAC-Fed-Norm	341,077	1,330,290	835,684			835,684			Taxable CIAC
CIAC-Fed-Norm-Incurred-CWIP	1,892,583	1,892,585	1,892,584			1,892,584			Taxable CIAC
CIAC-MD-Norm-Incurred-CWIP	21,594	21,594	21,594			21,594			Taxable CIAC
CIAC-PA-Norm	60,344	103,436	81,890 71,176			81,890 71,176			Taxable CIAC Taxable CIAC
CIAC-PA-Norm-Incurred-CWIP CIAC-VA-Norm	71,176 (48,080)	71,176 (36,945)	(42 512)			(42,512)			Taxable CIAC
CIAC-VA-Norm CIAC-VA-Norm-Incurred-CWIP	(48,080) 20,557	(36,945) 20,558	(42,512) 20,557			(42,512) 20,557			Taxable CIAC Taxable CIAC
CIAC-WV-Norm	22,367	100,900	61.633			61.633			Taxable CIAC
CIAC-WV-Norm-Incurred-CWIP	157.678	157,677	157.678			157.678			Taxable CIAC
Deferral Amortization of Excess Def Income Taxes	-	2,049,003	1,024,502			1.024.502			Resulting from deferral of refund of excess ADIT due to customers
FASB 109 Gross-UP	(3,457,109)	(7,531,112)	(5,494,111)			(5,494,111)			Reclass of the tax portion (gross-up) for property items included in account 190
Federal NOL	146,951,695	157,650,152	152,300,923			152,300,923			Result of bonus depreciation
									Costs incurred as a result of Allegheny merging with FirstEnergy which are not to
Merger Costs: D&O Insurance	1,333	1,003	1,168		1,168				be included within the revenue requirement
									Costs incurred as a result of Allegheny merging with FirstEnergy which are not to
Merger Costs: Licenses	61,482	46,271	53,876		53,876				be included within the revenue requirement
NOL Deferred Tax Asset - LT PA NOL Deferred Tax Asset - LT WV	3,563,101 17,735,335	2,847,069 17,926,330	3,205,085 17,830,833			3,205,085 17,830,833			Result of bonus depreciation Result of bonus depreciation
NOL Deterred Tax Asset - LT WV	17,735,335	17,926,330	17,830,833			17,830,833			Result of bonus depreciation
Pension/OPEB : Other Def Cr. or Dr.	2,187,156	1,456,511	1,821,833			1,821,833			Pension related temporary difference associated with Service Company allocations Reflects the adjustments and subsequent amortization of the regulatory asset
Purch Acct-LTD FMV	1.231.306	1,186,908	1.209.107		1.209.107				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	443.800	1,557,234	1.000.517		1,209,107	1.000.517			Deductions related to state income taxes
Tax Interest Capitalized-Fed-Norm	29.507.775	28.837.213	29.172.494			29.172.494			Actual amount of tax interest capitalized
Tax Interest Capitalized-Fed-Norm-Incurred-CWIP	32,415,858	32.573.737	32,494,797			32,494,797			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm	418.062	408,742	413,402			413,402			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm-Incurred-CWIP	308,401	311.239	309.820			309.820			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm	693,023	683,025	688,024			688,024			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm-Incurred-CWIP	1,016,849	1,031,080	1,023,964			1,023,964			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm	499,957	488,748	494,353			494,353			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Incurred-CWIP	331,688	334,330	333,009			333,009			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm	2,671,993	2,616,645	2,644,319			2,644,319			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm-Incurred-CWIP	2,554,466	2,579,782	2,567,124			2,567,124			Actual amount of tax interest capitalized
Subtotal	242,671,288	251,532,093	247,101,690	-	1,264,151	245,837,539	-	-	
Less FASB 109 included above Less FASB 106 included above	(3,457,109)	(7,531,112)	(5,494,111)	-	-	(5,494,111)	-	-	
Total	246,128,398	259,063,205	252,595,801		1,264,151	251,331,650		-	

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 on the Column C, D.
 ADIT items related to Plant and on the Column C, D.
 ADIT items related to Plant and on the Column S, D.
 ADIT items related to Plant and on the Column G, D. E. & F are directly assigned to Column G.
 ADIT items related to Plant and on the Column G, D. E. & F are directly assigned to Column G.
 ADIT items related to Plant and on the Column G, D. E. & F are directly assigned to Column G.
 ADIT items related to Plant and on the Column G, D. E. & F are directly assigned to Column G.
 ADIT items related to Plant and on the Column G, D. E. & F are directly assigned to Column G.
 ADIT items related to Plant and on the Column G, D. E. & F are directly assigned to Column G.
 ADIT items related to Plant and the Column G, D. E. & F are directly assigned to Column G.
 ADIT items related to Plant and the Column G.

PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

А	B1	B2	B3	с	D	E	F	G	
			Tr	ans-Allegheny	Interstate Comp	any			
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&C Expenses Capitalized Accelerated Tack Depreciation MD Addromal State Depreciation MD Addromal State Depreciation VA Addromal State Depreciation VA Addromal State Depreciation VA AFUDC Eaply Flow Through Capitalized Vertical Tree Timming Code of Remonal FASS 109 Gross-Up Other State Differences	7,837,378 520,665,679 2,433,745 7,539,621 3,602,727 46,894,821 4,248,659 3 109,560 (2,537,660) (176,952,100) (34,044,286)	9,478,039 524,573,764 2,865,698 8,191,045 3,989,249 47,583,246 4,207,355 - - - - 113,822 (2,478,894) (178,308,361) (32,849,822)	8.657.709 522.619.732 2.648.721 7.865.333 3.795.988 47.239.034 4.228.007 2 111.691 (2.508.277) (177.630.230) (33.447.054)			8,657,709 522,619,732 2,648,721 7,865,333 3,795,988 47,239,034 4,228,007 2 111,691 (2,508,277) (177,630,230) (33,447,054)			Basic difference relating to ASG expense Additional tax depresation over book Temporary difference for additional state depreciation allowed for PA tax return Temporary difference for additional state depreciation allowed for VA tax return Temporary difference for additional state depreciation allowed for VA tax return Temporary difference for additional state depreciation allowed for VA tax return Parling and the state of the state state depreciation allowed for VA tax return Parling of the state state state depreciation allowed for VA tax return Parling of the state state state state state state state state Parling of the state state state state state state state state Parling of the state state state state state state state state state purposes Temporary difference stating for removal of plant/property Reclass of the tax portion (artors-up) for property tems included in account 282 Other property related temporary differences
Sale of Property - Book Gain or (Loss) T&D Repairs	(123,056) 2,930,713	(167,759) 3,246,731	(145,407) 3,088,722			(145,407) 3,088,722			Repair deduction on capitalized book asset deductible for tax purposes under Rev. Proc. 2011-43 Vegetation management transmission corridor capital cost and depreciation
Vegetation Management - Transmission	(135,059)	(186,970)	(161,015)			(161,015)			expenses required for the regulatory financial statement schedules
Subtotal Less FASB 109 included above Less FASB 106 included above	382,470,745 (176,952,100)	390,255,164 (178,308,361)	386,362,954 (177,630,230)	-		386,362,954 (177,630,230)			
Total	559,422,845	568,563,524	563,993,184			563,993,184			

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, Severy) or Production are directly assigned to Column D.
 ADIT items related only to Transmission are directly assigned to Column F.
 ADIT items related only to Transmission are directly assigned to Column F.
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 ADIT items related to Ibort and not in Columns C. D. & E are directly assigned to Column F.
 ADIT items related to Ibort and not in Columns C.). D & E are directly assigned to Column F.
 ADIT items related to Ibort and not in Columns C.). D & E are directly assigned to Column F.
 ADIT items related to Ibort and not in Columns C.).
 ADIT items related to Ibort and not in Columns C.). D & E are directly assigned to Column F.
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PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

А	B1	B2	B3	С	D	E	F	G	
			Т	rans-Allegheny	Interstate Compa	iny			
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
									Disallowance in current year for charitable deduction due to tax loss, tax attribute
Charitable Contribution State & Local RTA	260	2.853	1.557			1.557			carries forward five years
CIAC-Eed-Norm-Reversal-CWIP	848,550	1.892.583	1.370.566			1.370.566			Taxable CIAC
CIAC-MD-Norm	(68,524)	(78,133)				(73.328)			Taxable CIAC
CIAC-MD-Norm-Reversal-CWIP	11.542	21.814	16.678			16.678			Taxable CIAC
CIAC-PA-Norm-Reversal-CWIP	75.880	121,734	98.807			98.807			Taxable CIAC
CIAC-VA-Norm-Reversal-CWIP	5,256	14,553	9,904			9,904			Taxable CIAC
CIAC-WV-Norm-Reversal-CWIP	53,850	135,495	94,673			94,673			Taxable CIAC
Deferred Charge-EIB	20,304	20,739	20,521			20,521			Allocated portion of total liabilities relating to captive insurance
FASB 109 Gross-Up	9,066,511	17,820,512	13,443,511			13,443,511			Reclass of the tax portion (gross-up) for property items included in account 283
									Reflects the adjustments and subsequent amortization of adjusted debt balances
PAA - LT Regulatory Asset Amort	1,231,305	1,186,908	1,209,107		1,209,107				associated with the FE/AYE merger
PJM Receivable	42,616,309	34,784,038	38,700,173			38,700,173			Comparison of actual to forecast revenues - non-property related
SC01 Timing Allocation	382,269	319,254	350,761			350,761			Timing differences related to service company allocations
Tax Interest Capitalized-Fed-Norm-Reversal-CWIP	32,111,359	32,198,345	32,154,852			32,154,852			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm-Reversal-CWIP	305,994	307,012	306,503			306,503			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm-Reversal-CWIP	1,013,950	1,021,294	1,017,622			1,017,622			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Reversal-CWIP	328,125	329,176	328,650			328,650			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm-Reversal-CWIP	2,528,807	2,541,838	2,535,322			2,535,322			Actual amount of tax interest capitalized
									Valuation allowances recorded against state NOL carryforwards not expected to be
Valuation Allowance NOL WV	17,735,335	17,926,331	17,830,833			17,830,833			realized
									Vegetation management transmission corridor capital cost and depreciation
Vegetation Management	135,059	186,970	161,015			161,015			expenses required for the regulatory financial statement schedules
Subtotal	108,402,141	110,753,315	109,577,728		1,209,107	108,368,621			
Less FASB 109 included above	9,066,511	17,820,512	13,443,511	-	-	13,443,511	-	-	
Less FASB 106 included above		92 932 803	00 101 017		1 000 107	01005110			
Total	99,335,630	92,932,803	96,134,217		1,209,107	94,925,110			

Instructions for Account 283:

ADIT items related only to Retail Related Operations are directly assigned to Column C.
 ADIT items related only to Mon-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
 ADIT items related to No Transmission are directly assigned to Column F.
 ADIT items related to No Transmission are directly assigned to Column F.
 ADIT items related to No Transmission are directly assigned to Column F.
 SAT items related to No Transmission are directly assigned to Column F.
 ADIT items related to No Transmission are directly assigned to Column F.
 SAT items related to No Transmission are directly assigned to Column F.
 SAT items related to No Transmission are directly assigned to Column G.
 SAT items related to No Transmission are directly assigned to Column F.

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.

Attachment 2 - Taxes Other Than Income Worksheet

Other Ta	xes	FERC Form No.1 page, line & Col	Amount	Allocator	Allocated Amount
Pla	nt Related		Gro	ss Plant Allocat	or
1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0	2017 State Property WV 2018 State Property WV 2017 State Property PA (PURTA) 2018 Local Property WV 2018 Local Property VA 2018 Local Property PA 2017 Local Property MD	p263.27(i) p263.28(i) p263.37(i) p263.36(i) p263.39(i) p263.1.2(i) p263.1.5(i)	4,609,024 5,488,280 33,000 18,575 1,586,744 4,211 1,487,452	100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000%	\$ 4,609,024 5,488,280 33,000 18,575 1,586,744 4,211 1,487,452
2.1 2.2 2.3	State Sales/Use Tax PA	p263.15(i)	170	100.0000%	170
4 Tot	al Plant Related		13,227,455	100.0000%	13,227,455
Lab	or Related		Wage	s & Salary Alloc	ator
5 6 7 8	Accrued Federal FICA Accrued Federal Unemployment State Unemployment Federal - Other		0 0 52,090		
9 Tot	al Labor Related		52,090	100.0000%	52,090
Oth	er Included		Gro	ess Plant Allocat	or
10 11 12			0 0 0		0 0 0
13 Tot	al Other Included		0	100.0000%	0
14 Tot	al Included (Lines 4 + 9 + 13)		13,279,545		13,279,545 Input to Appendix A, L
Ret	ail Related Other Taxes to be Excluded				
15 16	Federal Income Tax	p263.2(i)	35,728,079		

15	Federal Income Lax	p263.2(I)	35,728,079
16	Corporate Net Income Tax MD	p263.8(i)	165,731
17	Corporate Net Income Tax PA	p263.14(i)	1,752,242
18	Corporate Net Income Tax VA	p263.21(i)	146,602
19	Corporate Net Income Tax WV	p263.25(i)	4,758,895
20	Subtotal, Excluded		42,551,548
20	Subtotal, Excluded		42,331,346
21	Total, Included and Excluded (Line 14 + Line 20)		55.831.093
21			00,001,000
22	Total Other Taxes from p114.14.c		13,279,545
23	Difference (Line 21 - Line 22)		42,551,548

Criteria for Allocation:

- А
- 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. 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. В
- Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator. С
- 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.
- Е Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

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Trans-Allegheny Interstate Line Company

Attachment 3 - Revenue Credit Workpaper

	Attachment 3 - Revenue Credit Workpaper		Amount	FERC Form No.1 page, line & Col
	Account 454 - Rent from Electric Property			
1 2	Rent from Electric Property - Transmission Related (Note 3) Total Rent Revenues	(Line 1)	-	Page 300 Line: 19 Column: b
	Account 456 - Other Electric Revenues (Note 1)			
3 4	Schedule 1A 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)		-	
8	Point to Point Service revenues for which the load is not included in the divisor received by Trans PJM Transitional Revenue Neutrality (Note 1) PJM Transitional Market Expansion (Note 1) Professional Services (Note 3)	smission Owner		p328-330 Footnote Data Schedule Page: 328 Line: 1 Column: m
9 10	Revenues from Directly Assigned Transmission Facility Charges (Note 2) Rent or Attachment Fees associated with Transmission Facilities (Note 3)		-	
	Gross Revenue Credits	(Sum Lines 2-10)	1,435,459	
	Less line 14g Total Revenue Credits	(Line 11 - Line 12)	- 1,435,459	Input to Appendix A, Line 131
	Revenue Adjustment to determine Revenue Credit			
14b 14c 14d 14e 14f	Revenues associated with lines 14b-g are to be included in lines 2-10 and total of those revenues entered here Costs associated with revenues in line 14a Net Revenues (14a - 14b) 50% Share of Net Revenues (14c / 2) 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. Net Revenue Credit (14d + 14e) Line 14a less line 14f			
15	Amount offset in line 4 above		-	
16	Total Account 454 and 456		1,435,459	
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.

A	Return and Taxes at High End of the range of Reasonableness Return and Taxes at High End of the range of Reasonab	eleness (Sum Lines 26 and 33 from below)	178,138,366	Input to Appendix A, Line 140
в	Difference between Base ROE and Incentive ROE		100	
urn C	alculation		Source Reference	
			Source Reference	
1	Rate Base		Appendix A, Line 46	1,482,392,936
2	Preferred Dividends	enter positive	Appendix A, Line 84	
	Common Stock			
3	Proprietary Capital		Appendix A, Line 85	936,927,66
4	Less Accumulated Other Comprehensive Income Acc	count 219	Appendix A, Line 86	
5	Less Preferred Stock		Appendix A, Line 87	
6 7	Less Account 216.1		Appendix A, Line 88 Appendix A, Line 89	936,927,66
'	Common Stock		Appendix A, Line 89	930,927,00
	Capitalization			
8	Long Term Debt		Appendix A, Line 90	624,743,83
9	Less Unamortized Loss on Reacquired Debt		Appendix A, Line 91	
10	Plus Unamortized Gain on Reacquired Debt		Appendix A, Line 92	
11 12	Less ADIT associated with Gain or Loss		Appendix A, Line 93	624,743,83
12	Total Long Term Debt Preferred Stock		Appendix A, Line 94 Appendix A, Line 95	624,743,63
14	Common Stock		Appendix A, Line 96	936,927,66
15	Total Capitalization		Appendix A, Line 97	1,561,671,50
16	Debt %	Total Long Term Debt	Appendix A, Line 98	40.00489
17	Preferred %	Preferred Stock	Appendix A, Line 99	0.0000
18	Common %	Common Stock	Appendix A, Line 100	59.99529
19	Debt Cost	Total Long Term Debt	Appendix A, Line 101	0.039
20	Preferred Cost	Preferred Stock	Appendix A, Line 102	0.000
21	Common Cost	Common Stock	12.70%	0.127
22	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 16 * 19)	0.015
23	Weighted Cost of Preferred	Preferred Stock	(Line 17 * 20)	0.000
24	Weighted Cost of Common	Common Stock	(Line 18 * 21)	0.076
25	Rate of Return on Rate Base (ROR)		(Sum Lines 22 to 24)	0.092
26	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 25)	136,314,59
nposi	te 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	7.62
29 30	p = percent of federal income tax deductible for state pu	rposes [1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	Appendix A, Line 111	0.009 27.029
30 31	T/ (1-T)	(1-SII) (1-FII)]/(1-SII FII p)}=	Appendix A, Line 112 Appendix A, Line 113	37.03
32	Income Tax Component = CIT=(T/	1-T) * Investment Return * (1-(WCLTD/R)) =		41,823,76
		,		
33	Total Income Taxes		(Line 32)	41,823,76

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Trans-Allegheny Interstate Line Company

Attachment A Line #s,	Descriptions, Notes, Form 1 Page #s and Instruction	ons	13 Month Balance for	EOY Balance for													
			Reconciliation	Estimate													
							502 Junction - Territorial			Meadowbrook		Bedington					
Calculation of Transmission Plant In Service	Source		Total	Total	Black Oak	Wylie Ridge	Line	Potter SS	OsageWhiteley	Transformer	North Shenandoah	Transformer	Meadowbrook Capacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	Doubs #4 Tran
December	p206.58.b	For 2017	2.048.762.166		47,196.352	17,653,081	1,077,649,185	2,022,554	24,555,348	8,206,718	1.923.902	7.723.538	6.496.239	39.572.702	5.149.271	4.686.053	5,700
January	company records	For 2018	2.049.448.620		47,231,349	17,653,081	1,077,611,227	2,022,554	24,555,348	8,206,718	1.923.902	7.723.538	6.496.239	39.580.362	5.149.271	4.686.053	5.700
February	company records	For 2018	2.049.501.690		47,246,205	17,653,081	1,077,617,856	2,022,554	24,555,348	8,206,718	1.923.902	7.723.538	6.496.239	39.591.609	5.149.271	4.686.053	5.700
March	company records	For 2018	2.050.368.550		47,443,360	17,653,081	1,078,148,635	2,022,554	24,555,348	8,206,718	1.923.902	7.723.538	6.496.239	39.567.784	5.149.271	4.686.053	5.691
April	company records	For 2018	2.050.293.344		47,491,189	17,653,081	1,077,837,720	2,022,554	24,555,348	8,206,718	1.923.902	7.723.538	6.496.239	39.588.247	5.149.271	4.686.053	5.691
May	company records	For 2018	2.060.341.438		47,520,460	17,653,081	1,077,799,898	2,022,554	24,555,348	8,206,718	1.923.902	7.723.538	6.496.239	39.590.645	5.149.271	4.686.053	5.691
June	company records	For 2018	2.060.982.895		47,522,678	17,653,081	1,077,978,133	2,022,554	24,555,348	8,206,718	1.923.902	7.723.538	6.496.239	39.590.645	5.149.271	4.686.053	5.691
July	company records	For 2018	2.061.867.776		47,522,678	17,653,081	1,078,013,534	2,022,554	24,555,348	8,206,718	1.923.902	7.723.538	6.496.239	39.590.645	5.149.271	4.686.053	5.691
August	company records	For 2018	2.061.536.790		47,522,678	17,653,081	1,078,150,319	2,022,554	24,555,348	8,206,718	1.923.902	7.723.538	6.496.239	39.590.645	5.149.271	4.686.053	5.691
September	company records	For 2018	2.062.025.865		47,522,678	17,653,081	1,078,173,886	2,022,554	24,555,348	8,206,718	1.923.902	7.723.538	6.486.620	39.590.645	5.149.271	4.686.053	5.691
October	company records	For 2018	2,061,751,629		47,522,678	17,653,081	1,078,173,595	2,022,554	24,555,348	8,206,718	1,923,902	7,723,538	6,486,620	39,590,645	5,149,271	4,686,053	5,691
November	company records	For 2018	2,065,287,358		47,522,678	17,653,081	1,078,195,826	2,022,554	24,555,348	8,206,718	1,923,902	7,723,538	6,486,620	39,590,645	5,149,271	4,686,053	5,691
December	p207.58.g	For 2018	2,064,865,510	2,064,865,510	48,015,763	17,653,081	1,077,052,743	2,022,554	24,555,348	8,206,718	1,923,902	7,723,538	6,486,620	39,590,645	5,149,271	4,686,053	5,691
Transmission Plant In Service			2,057,464,125	2,064,865,510	47,483,134	17.653.081	1.077.876.964	2.022.554	24,555,348	8.206.718	1.923.902	7,723,538	6,493,279	39,586,605	5,149,271	4,686,053	5,693

		Farmers Valley	Harvey Run			Grandview		Conemaugh-		Grandpoint &	Handsome Lake -						-
Cabot SS	Armstrong	Capacitor	Capacitor	Doubs SS	Meadowbrook SS	Capacitor	502 Jct Substation	Seward	Luxor	Guilford	Homer City	Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
7,119,671	15,623,574	2,066,954	832,202	4,993,604	61,310,947	657,191	10,780,107	27,412,434	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7.119.671	15.623.574	2.066.959	832.202	5.037.644	61.315.377	657.191	10.791.881	27.412.434	1.199.446	1.781.380	12.863.994	36.258.335	3.327.672	569.408	43.993.222	4.942.684	438.837
7.119.671	15.623.574	2.066.959	832.202	5.037.644	61.318.340	657.191	10.792.209	27.412.434	1.199.446	1.781.380	12.863.994	36.258.335	3.327.672	569.408	43.993.222	4.942.684	438.837
7.119.671	15.623.574	2.066.959	832.202	5.037.644	61.321.444	657.191	10.792.219	27.412.434	1.199.446	1.781.380	12.863.994	36.258.335	3.327.672	569.408	43.993.222	4.942.684	438.837
7.119.671	15.623.574	2.066.959	832.202	5.037.644	61.363.310	657.191	10.792.244	27.412.434	1.199.446	1.781.380	12.853.994	36.258.335	3.327.672	569.408	43.993.222	4.942.684	438.837
7.119.671	15.623.574	2.067.321	832.202	5.037.644	61.684.515	657.191	10.793.546	27.412.434	1.199.446	1.781.380	12.853.994	36.258.335	3.327.672	569.408	43.993.222	4.942.684	438.837
7.119.671	15.623.574	2.067.080	832.202	5.037.644	61.684.884	657.191	10.793.546	27.412.434	1.199.446	1.781.380	12.863.994	36.258.335	3.327.672	569.408	43.993.222	4.942.684	438.837
7.119.671	15.623.574	2.067.080	832.202	5.037.644	61.688.788	657.191	10.797.221	27.412.434	1.199.446	1.781.380	12.863.994	36.258.335	3.327.672	569.408	43.993.222	4.942.684	438.837
7.119.470	15.623.574	2.067.080	832.202	5.037.644	61.688.516	657.191	10.795.834	27.712.963	1.199.446	1.781.380	12.863.994	36.258.335	3.327.672	569.408	43.993.222	4.942.684	438.837
7.119.470	15.623.574	2.067.080	832.202	5.037.644	61.697.129	657.191	10.795.834	27.749.628	1.199.446	1.781.380	12.863.994	36.258.335	3.327.672	569.408	43.993.222	4.942.684	438.837
7,119,470	15,623,574	2,067,785	832,202	5,037,644	61,698,137	657,191	10,288,483	27,749,628	1,199,446	1,781,380	12,853,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,470	15,623,574	2,067,321	832,202	5,037,644	61,699,256	657,191	13,856,336	27,749,628	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,470	15,623,574	2,067,321	832,202	5,037,644	61,700,885	657,191	14,045,826	27,749,628	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,593	15,623,574	2,067,143	832,202	5,034,256	61,551,656	657,191	11,239,637	27,539,303	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837

		Four Mile		Shuman					Claysburg Ring	Johnstown SS											Farmers Valley					
Moshannon	Waldo Run	Junction	West Union SS	Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Bus	Capacitor	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Substation	Richwood Hill	Damascus SS	Warren Substation	Piercebrook SS	Total
7,527,658	56,430,354	9,675,061	891,283	1,525,229	692,272	18,699,687	31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,039,738	2,268,540	38,297,866	24,416,851	1,135,027	936,604	108,659,987	47,495,352	46,533,012	39,291,847	74,201,465	1,246,287	24,033,255	100 C	2,048,762,16
7.527.658	56.680.339	9.675.061	891.283	1.525.229	692.272	18.699.687	31.318.256	1.754.277	7.730.920	1.368.881	885.549	17.041.760	2.268.540	38.297.866	24.401.163	1.135.027	936.604	108.959.566	47.488.953	46.543.461	39.307.504	74.265.174	1.250.428	24.031.305		2.049.448.62
7.527.658	56.532.699	9.675.061	891.283	1.572.717	692.272	18.699.687	31.318.256	1.754.277	7.730.920	1.368.881	885.549	17.055.597	2.268.540	38.297.866	24.406.215	1.135.027	936.604	109.046.687	47.484.077	46.550.422	39.310.412	74.268.733	1.251.872	24.032.499		2.049.501.69
7.527.658	56.583.908	9.675.061	891.283	1.572.717	692.272	18.699.687	31.318.256	1.754.277	7.730.920	1.368.881	885.549	17.056.477	2.268.540	38.297.866	24.406.215	1.135.027	936.604	109.120.226	47.509.896	46.553.376	39.316.498	74.275.504	1.251.872	24.035.828		2.050.368.55
7.527.658	56.610.562	9.675.061	891.283	1.572.717	692.272	18.700.194	31.318.256	1.754.277	7.730.920	1.368.881	885.549	17.057.082	2.268.540	38.182.440	24.406.597	1.135.027	936.604	109.300.568	47.510.181	46.553.152	39.325.591	74.296.100	1.251.986	24.036.426		2.050.293.34
7.527.658	56.728.591	9.675.061	891.283	1.572.717	692.272	18.700.194	31.318.256	1.754.277	7.730.920	1.368.881	885.549	17.065.298	2.268.540	38.182.440	24.406.597	1.135.027	936.604	109.482.551	47.510.673	46.554.373	39.329.242	74.309.613	1.251.986	24.037.457	9.403.242	2.060.341.43
7.527.658	56.790.214	9.675.061	891.283	1.572.717	692.272	18.700.194	31.318.256	1.754.277	7.730.920	1.368.881	885.549	17.048.663	2.268.540	38.182.440	24.406.597	1.135.027	936.604	109.560.806	47.510.635	46.559.483	39.329.780	74.333.610	1.258.605	24.038.961	9.703.146	2.060.982.89
7.527.658	56.832.139	9.675.061	891.283	1.572.717	692.272	18.700.194	31.318.256	1.754.277	7.730.920	1.368.881	885.549	17.049.178	2.268.540	38.182.440	24.406.597	1.135.027	936.604	109.727.376	47.510.590	46.559.917	39.554.886	74.352.265	1.258.969	24.005.909	10.124.575	2.061.867.77
7.527.658	56.856.183	9.675.061	891.283	1.545.412	692.272	18.700.194	31.318.256	1.754.277	7.730.920	1.368.881	885.549	17.049.289	2.268.540	38.182.440	24.406.615	1.135.027	936.604	109.112.553	47.512.850	46.560.112	39.333.228	74.341.189	1.258.969	23.979.755	10.232.522	2.061.536.79
7.527.658	56.876.544	9.675.061	891.283	1.545.412	692.272	18.700.194	31.318.256	1.754.277	7.730.920	1.368.881	885.549	17.049.298	2.268.540	38.182.440	24.406.615	1.135.027	936.604	109.421.854	47.513.975	46.558.530	39.331.133	74.342.425	1.258.969	23.977.870	10.335.911	2.062.025.86
7,527,658	56,879,461	9,675,061	891,283	1,545,412	692,272	18,700,194	31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,049,298	2,268,540	38,181,684	24,406,615	1,135,027	936,641	109,727,407	47,517,799	46,560,417	39,329,041	74,359,095	1,258,969	23,982,994	10,234,429	2,061,751,62
7,527,658	56,898,264	9,675,169	891,283	1,490,386	692,272	18,700,194	31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,049,298	2,268,540	38,181,684	24,406,615	1,135,027	936,641	109,684,041	47,520,313	46,561,040	39,329,142	74,360,037	1,258,969	23,982,994	10,254,719	2,065,287,35
7,527,658	56,898,736	9,675,169	891,283	1,490,386	692,272	18,700,194	31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,051,809	2,268,540	38,181,684	24,406,615	1,135,027	935,641	109,702,735	47,527,235	46,559,408	39,329,186	74,371,634	1,258,969	23,983,202	10,252,935	2,064,865,51
7,527,658	56,738,307	9,675,077	891,283	1,546,444	692,272	18,700,038	31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,050,984	2,268,540	38,217,781	24,406,916	1,135,027	936,613	109.346.644	47.508.656	46,554,362	39,339,807	74,313,603	1,255,142	24,012,189	6,195,498	2,057,464,12

Trans-Allegheny Interstate Line

0	Total Flatt II dervice	oun or averages above		Link to Appendix A. line	2,161,955,16 Link to Appendix A.
6	Total Plant In Service	Sum of averages above		2.147.372.902	2.161.955.16
	Production Plant in Service				
	December Production Plant In Service	p205.46.g	For 2018		
	November	company records	For 2018		
	October	company records	For 2018		
	September	company records	For 2018		
	August	company records	For 2018		
	July	company records	For 2018		
	June	company records	For 2018		
	May	company records	For 2018	100 C	
	April	company records	For 2018		
	March	company records	For 2018		
	February	company records	For 2018		
	Japiany	company records	For 2018		
	December	p204.46b	For 2017		
	Calculation of Production Plant In Service	Source			
				18	line 18
10	General Flant III del Vice			63,113,400 Link to Appendix A. line	64,630,34 Link to Appendix A.
18	General Plant In Service	pzu1.aa.g	For 2018	64,630,345 63,113,400	64,630,34 64,630,34
	December	p206.99.b	For 2017 For 2018	61.596.454 64.630.345	64 630 34
	Calculation of General Plant In Service December	p206.99.b	For 2017	61 596 454	
	Calculation of General Plant In Service	Source		Link to Appendix A, line 18	line 18
					Link to Appendix A,
18	Intangible Plant In Service			26,795,378	32,459,30
	December	p205.5.g	For 2018	32.459.305	32.459.30
	December	p204.5.b	For 2017	21.131.450	
	Calculation of Intangible Plant In Service	Source			
	Distribution Plant In Service	-			
	December	p207.75.g	For 2018		
	November	company records	For 2018		
	October	company records	For 2018		
	September	company records	For 2018		
	August	company records	For 2018		
	Jule	company records	For 2018		
	Mav	company records	For 2018 For 2018		
	April May	company records	For 2018 For 2018		
	March	company records	For 2018		
	Februarv	company records	For 2018		
	Januarv	company records	For 2018		
	December	p206.75.b	For 2017		
	Calculation of Distribution Plant In Service	Source			
				15	line 15
				Link to Appendix A, line	Link to Appendix A,

Attachment 5 - Cost Support

1				Att	tachment 5 - Cost Sup	port													
	lated Depreciation Worksheet nt A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions																		
				13 Month Balance for Reconciliation	EOY Balance for Estimate														
								502 Junction - Territorial			Meadowbrook		Bedington	Meadowbrook					
	Calculation of Transmission Accumulated Depreciation	Source				Black Oak	Wytie Ridge	Line	Potter SS	Osage Whiteley	Transformer	North Shenandoah	Transformers	Capacitor	Kammer		Doubs #3 Trans	Doubs #4 Trans	Cabot SS
	December	Prior year FERC Form 1 p219.25.b	For 2017	214,622,366		13,543,183	(895,218)	145,511,619	173,675	2,568,999	1,571,867	281,970	1,438,287	1,165,320	6,827,873	698,928	567,511	1,045,364	883,0
	January	company records	For 2018 For 2018	218,241,217		13,658,525	(847, 129)	147,240,021	176,541	2,616,565	1,586,030	285,337	1,449,803	1,177,410	6,897,132	706,836	574,407	1,057,828	895,
	February March	company records	For 2018 For 2018	221,765,422 225,552,954		13,773,910 13,889,481	(799,040) (750,951)	148,908,741 150,840,540	179,406 182,271	2,664,111 2,711.677	1,588,890	288,704 292.071	1,463,319 1,476,836	1,189,500 1,201,590	6,968,407 7.035.671	714,743 722,188	581,342 588,270	1,070,292	907; 920,
	March	company records	For 2018 For 2018	225,552,954 229,216,176		13,889,481 14,005,266	(750,951) (702,862)	150,840,540	182,271 185,136	2,711,677	1,603,033	292,071 295,438	1,476,836	1,201,590	7,035,671 7,104,933	722,188 730,095	588,270	1,080,540	920, 932,
	April	company records company records	For 2018 For 2018	229,216,176 232,254,072		14,005,268	(702,862) (654,773)	152,636,472 153,798,381	185,136 188,002	2,759,245	1,617,176	295,438 298,804	1,490,352	1,213,680	7,104,933	730,095	595,189 602.108	1,093,005	932,1 945,3
	May	company records	For 2018 For 2018	232,254,072 235,778,715		14,121,118 14,236,999	(654,773) (606,685)	153,798,381 155,437,990	188,002 190,867	2,806,813 2,854,383	1,631,319	298,804	1,503,865	1,225,771	7,174,215	738,003	602,108	1,105,469	945, 957,
	Julie	company records	For 2018	239,393,690		14,230,939	(558,596)	157,168,734	193,732	2,004,303	1,659,605	305.538	1.530.900	1,249,951	7,243,496	745,910 753,818	615.947	1,130,397	970,
	August	company records	For 2018	242.188.569		14,468,763	(510,507)	158,926,041	196.598	2,949,525	1.673.748	308.905	1,544,417	1,262,041	7,382,065	761.725	622,866	1,142,861	941,5
	September	company records	For 2018	242,100,000		14,584,645	(462.418)	160.677.700	199,463	2,997,096	1.687.895	312.272	1.557.933	1.274.131	7,451,349	769,633	629.786	1,155,325	953.5
	October	company records	For 2018	249,483,379		14.700.527	(414.329)	162.447.307	202.328	3.044.670	1.702.047	315.639	1.571.449	1,286,221	7.520.633	777,541	636,705	1,167,790	966,4
	November	company records	For 2018	253.011.972		14.816.409	(366.240)	164,143,582	205.193	3.092.245	1.716.199	319.005	1.584.965	1.298.312	7,589,916	785.448	643.625	1,180,254	978.6
	December	p219.25.b	For 2018	256.283.793	256,283,793	14 992 722	(318 151)	165 527 638	208.059	3 139 821	1 730 351	322 372	1 598 481	1 310 402	7 659 200	703 356	650 544	1 192 718	991,3
23	Transmission Accumulated Depreciation	0215.20.0	PQI 2010	235,662,997	256,283,793	14.237.264	(606,685)	155,635,596	190,867	2.854.393	1.647.202	302,171	1.517.384	1.237.861	7,243,513	746,017	609,025	1,118,444	941,9
10	mananiaaton Accomplated Depreciation			Link to Appendix A. line		14,201,204	(000,000)	100,000,000	130,001	2,004,000	1,047,202	552,111	1,011,004	1,201,001	1,240,010	140,011	005,025	1,110,444	541,55
					line 23														
	1																		

				Details												
			(2.11	h Balance For Recond	illesia.											
			13 MORE	I Balance For Recond	mation											
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
1,173,671		66,263	401,602	4,502,751	58,865	627,016	2,092,223	83,498	132,437	1,011,529	2,656,827	245,636	40,594	3,265,069	362,193	31,276
1,201,38		67,719	410,287	4,608,994	60,016	637,394	2,145,778	85,611	135,542	1,034,577	2,720,279	251,459	41,591	3,342,057	370,843	32,044
1,229,09		69,176	418,972	4,715,237	61,167	647,771	2,199,333	87,723	138,648	1,057,625	2,783,731	257,282	42,587	3,419,045	379,492	32,812
1,256,80		70,632	419,218	4,821,480	62,318	658,149	2,252,888	89,835	141,754	1,080,673	2,847,183	263,106	43,584	3,496,033	388,142	33,580
1,284,51		72,088	427,903	4,927,724	63,469	668,527	2,306,444	91,947	144,860	1,103,721	2,910,635	268,929	44,580	3,573,022	396,792	34,348
1,312,22		73,545	438,588	5,033,967	64,620	678,904	2,359,999	94,059	147,966	1,126,769	2,974,087	274,753	45,577	3,650,010	405,441	35,115
1,339,94		75,001	445,273	5,140,210	65,771	689,282	2,413,554	96,171	151,072	1,149,817	3,037,539	280,576	48,573	3,726,998	414,091	35,883
1,387,65		76,457	453,958	5,248,454	66,922	699,660	2,467,110	98,283	154,178	1,172,885	3,100,991	286,400	47,570	3,803,986	422,741	38,651
1,395,38		77,914	462,643	5,352,697	68,074	710,037	2,520,928	100,395	157,284	1,195,913	3,164,443	292,223	48,586	3,880,974	431,391	37,419
1,423,07		79,370	471,328	5,458,940	69,225	720,415	2,575,041	102,507	160,389	1,218,961	3,227,895	298,046	49,583	3,957,962	440,040	38,187
1,450,78		80,826	480,013	5,585,183	70,378	730,793	2,629,187	104,619	163,495	1,242,009	3,291,347	303,870	50,559	4,034,950	448,690	38,955
1,478,49	7 95,967	82,283	488,698	5,671,427	71,527	741,170	2,683,332	106,732	166,601	1,265,057	3,354,799	309,693	51,556	4,111,939	457,340	39,723
1,508,20	97,608	83,739	497,383	5,777,670	72,678	751,548	2,737,477	108,844	169,707	1,288,108	3,418,252	315,517	52,552	4,188,927	465,989	40,491
1,339,940	87,763	75,001	447,220	5,140,210	65,771	689,282	2,414,100	96,171	151,072	1,149,817	3,037,539	280,576	46,573	3,726,998	414,091	35,883

																										, 1
		Four Mile		Shuman					Claysburg Ring	Johnstown SS											Farmers Valley					, 1
Moshannon	Waldo Run	Junction	West Union SS	Hill/Mobley	Bartonville	Squab Hollow SS S	iquab Hollow SVC	Shingletown	Bus	Capacitor	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Substation	Richwood Hill	Damascus SS	Warren Substation	Piercebrook SS	Total
427,513	4,084,667	586,875	58,042	129,153	27,385	1,116,287	2,109,387	105,464	415,353	70,024	29,075	902,567	114,806	1,781,773	905,372	50,866	40,287	2,782,201	879,041	2,201,052	1,275,056	2,031,365	15,217	273,742		214,622,366
440,686	4,232,651	602,768	59,602	131,837	28,598	1,156,475	2,188,231	109,142	428,952	72,419	30,017	943,487	118,723	1,848,794	940,347	52,852	41,926	2,953,702	983,105	2,315,695	1,344,389	2,185,666	17,402	315,805		218,241,217
453,850		618,661	61,161	134,563	29,809	1,196,663	2,263,074	112,819	442,552	74,815	30,959	984,442	122,641	1,915,815	975,312	54,838	43,585	3,125,268	1,087,160	2,430,359	1,413,737	2,340,032	19,592	357,868		221,765,422
467,033		634,553	62,721	137,330	31,020	1,236,852	2,339,918	116,497	456,151	77,210	31,901	1,025,439	126,558	1,982,838	1,010,281	56,825	45,204	3,296,701	1,191,210	2,545,035	1,483,093	2,494,403	21,782	399,934		225,552,954
480,206		650,446	64,281	140,097	32,232	1,277,040	2,416,761	120,174	469,751	79,606	32,844	1,066,462	130,478	2,049,757	1,045,251	58,811	46,843	3,468,331	1,295,261	2,659,714	1,552,462	2,648,797	23,973	442,004		229,216,176
493,380		668,339	65,840	142,884	33,443	1,317,229	2,493,605	123,852	483,350	82,001	33,786	1,107,516	134,394	2,116,576	1,080,222	60,797	48,482	3,640,253	1,399,312	2,774,395	1,621,842	2,803,220	26,164	484,075	8,228	232,254,072
506,553		682,232	67,400	145,631	34,655	1,357,419	2,570,449	127,529	496,950	84,397	34,728	1,148,572	138,311	2,183,395	1,115,192	62,783	50,121	3,812,448	1,503,363	2,889,084	1,691,226	2,957,674	28,361	526,149	24,948	235,778,715
519,726		698,125	68,960	148,398	35,886	1,397,608	2,647,292	131,207	510,549	86,792	35,670	1,189,615	142,229	2,250,215	1,150,162	64,770	51,760	3,984,917	1,607,415	3,003,779	1,760,808	3,112,163	30,564	568,195	42,295	239,393,690
532,900	5,101,864	714,017	70,520	148,536	37,078	1,437,797	2,724,138	134,884	524,149	89,188	38,612	1,230,679	146,147	2,317,034	1,185,132	66,756	53,399	3,349,821	1,711,468	3,118,478	1,830,393	3,266,658	32,767	610,189	60,108	242,188,569
546,073	5,226,357	729,910	72,079	151,255	38,289	1,477,988	2,800,979	138,562	537,748	91,584	37,555	1,271,765	150,084	2,383,853	1,220,103	68,742	55,038	3,521,430	1,815,524	3,233,170	1,899,781	3,421,144	34,970	652,159	78,105	245,826,633
559,247		745,803	73,639	153,975	39,501	1,518,175	2,877,823	142,239	551,348	93,979	38,497	1,312,854	153,982	2,450,672	1,255,073	70,729	56,678	3,693,688	1,919,584	3,347,865	1,969,165	3,575,645	37,173	694,133	96,104	249,483,379
572,420	5,475,407	761,696	75,199	101,621	40,712	1,558,364	2,954,686	145,917	564,947	96,375	39,439	1,353,947	157,899	2,517,490	1,290,043	72,715	58,317	3,866,220	2,023,650	3,462,563	2,038,548	3,730,161	39,377	738,110	114,032	253.011.972
585,593	5,599,960	777,589	76,759	104,244	41,924	1,598,554	3,031,510	149,594	578,547	98,770	40,381	1,395,044	161,817	2,584,308	1,325,014	74,701	59,956	4,038,734	2,127,724	3,577,260	2,107,930	3,884,687	41,580	778,088	131,976	256.283.793
506,553	4,851,753	682,232	67,400	136,116	34,655	1,357,419	2,570,449	127,529	496,950	84,397	34,728	1,148,645	138,311	2,183,271	1,115,193	62,783	50,121	3,502,593	1,503,371	2,889,111	1,691,418	2,957,817	28,379	526,035	42,753	235,662,997

Trans-Allegheny Interstate Line

Calculation of Distribution Accumulated Depreciation	Source		All	achment 5 - Cos
December	Prior year FERC Form 1 p219.26.b	For 2017		
January	company records	For 2018	100 C	
February	company records	For 2018		
		For 2018		
March	company records		100 C	
April	company records	For 2018	100 C	
May	company records	For 2018	100 C 100	
June	company records	For 2018	100 C	
July	company records	For 2018	100 C	
August	company records	For 2018	100 C	
September	company records	For 2018	100 C	
October	company records	For 2018		
November	company records	For 2018		
December	p219.26.b	For 2018		
Distribution Accumulated Depreciation	p£10.20.0	1012010		
Calculation of Intangible Accumulated Depreciation	Source Prior year FERC Form 1 p200.21.b	For 2017	12.460.765	
December	n200 21b			
Accumulated Intangible Depreciation	D2UU.21D	For 2018	14.250.801	14.2
Accumulated intangible Depreciation			Link to Appendix A, line	14.2 Link to Appendi
			25	line 25
Calculation of General Accumulated Depreciation	Source			
December	Prior year FERC Form 1 p219.28b	For 2017	9,930,498	
December	p219.28.b	For 2018	9.882.707	9.88
Accumulated General Depreciation			9,906,603	9.88
			Link to Appendix A, line	Link to Appendi
Calculation of Production Accumulated Depreciation	Source		24	line 24
Calculation of Production Accumulated Depreciation	Prior year FERC Form 1 p219.20.b-24.b	For 2017		
January	company records	For 2018		
February	company records	For 2018		
March	company records	For 2018		
April	company records	For 2018		
May	company records	For 2018		
June	company records	For 2018		
July	company records	For 2018		
August	company records	For 2018	100 C	
September	company records	For 2018	100 C	
October	company records	For 2018	100 C	
November	company records	For 2018	100 C	
December	p219.20.b thru 219.24.b	For 2018		
Production Accumulated Depreciation				
Total Accumulated Depreciation	Sum of averages above		258.925.382	280.41
otal Accumulated Depreciation			Link to Appendix A, line	Link to Appendic

Electric / Non-electric Cost Support				
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instru	ctions	Form 1 Amount Electric Portion	Non-electric Portion	Details
Materials and Supplies Addression 0 Transmission Materials & Supplies 37 Understand General Expense Allocated General Expenses 0 5 Puil Angue Under Spale Leases 0	р227.8 р227.16 р200.4.с	Beg of year End of Year (for estimate) 	Average of Beginning and Ending Balances	
Fransmission / Non-transmission Cost Support		•		
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instru 3 Transmission Related Lard Hold for Future Use	Total Non-transmission Related	Beg of year End of Year (for estimate) 	Average of Beginning and Ending Balances	Dank Entre Deals Hare
CWIP & Expensed Lease Worksheet	Transmission Related		•	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and instru	uctions	Bog of year CWIP In Form 1 Amount	Expensed Lesse in Form 1 Amount	
Plant In Service	B) Attachment 5	2,131,490,070 -		
15 Transmission Plant In Service (Note Accumulated Depreciation (Note) (Note) 23 Transmission Accumulated Depreciation (Note)		2,048,762,166 - 214,622,366 -		
Pre-Commercial Costs Capitalized				
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instru	ictions	EOY for Estimate and BOY Amortization Amount (for Final (Over 4 Years)	Average of Beginning and Ending Balances Calculated End of Year (for estimate and Balance reconcilitation)	
35 Unamortized Capitalized Pre-Commercial Costs		\$-\$-	\$-\$-	
EPRI Dues Cost Support				
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructi Allocated Grommon Expenses 16 Less EPRI Dues (Note)	ons D) p352 & 353	Beg of year EPRI Dues 0 0		Ovtaile Enter Debails Nore
Regulatory Expense Related to Transmission Cost Support				
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instru Directly Assigned ASG	Ictions	Form 1 Amount Transmission Related	Non-transmission Related	Seale
	G) p323.189.b		Link to Appendix A, . line 62	Einter Details Here
Safety Related Advertising Cost Support				
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instru Directly Assigned A&G	ictions	Form 1 Amount Safety Related	Non-safety Related	Deals
66 General Advertising Exp Account 930.1 (Note)	F) p323.191.b		Link to Appendix A, . line 66	Enter Details Here

	Att	achment 5 - Cost Su	pport						
MultiState Workpaper									
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s an	d 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 7.6236%	Composite is calculated based on sales, paye	oll and property for each jurisdie	tion				
Education and Out Reach Cost Support									
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s at	d Instructions	Form 1 Amount	Education & Outreach	Other				Details	
Directly Assigned A&G									
63 General Advertising Exp Account 930.1	(Note J) p323.191.b							Enter Details Here	
Excluded Plant Cost Support		Excluded Transmission							
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s an	d Instructions	Facilities					Description of the Facilities		
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities									
126 Excluded Transmission Facilities	(Note L)						General Description of the Facilities		
Step-Up Facilities									
Instructions:		Enter \$							
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 69kV in a substation with investment of 69 kV and higher as well as below 69kV.	kV,	Or							
the following formula will be used: Example		Enter \$							
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									
D Anibulit to be excluded (A X (o / (b + c))) 444,444									

Prepayments							
Link to Appendix A, line #s, Descriptions, Notes, Form 1 P	ge #s and Instructions	Beg of year	End of Year	Average of Beginning and Ending Balances	Allocation	Transmission Related	Details
36 Prepayments				Enter \$		Amount	
Prepayments	Prepaid Insurance	237,647	1,080	119,364	100%	119,364	
Prepaid Pensions if not included in Prepayments		100 C	0	0	100%	0	
Total Prepayments		237,647	1,080	119,364		119,364	

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page	s and Instructions	Total		Details	
Amortization Expense on Pre-Commercial Cost Pre-Commercial Expense Miscellaneous Transmission Expense Total Account 556 Miscellaneous Transmission Expenses	p.321.97.b	\$	Summ Cost Element Name	ary of Pre-Commercial Expenses Total	
		•	Lack X Dentes (1) Monitorence (p) Outside Servers Lagel (2) Outside Servers Rate (3) Outside Servers Rate (3) Adventing (2) Terrol Lobging and Mark (7) Terrol		
			 Lator & overhead amount includes certail of variables the appropriate of the 20 Macanitesca annount includes result of variables the apparents to the first threat and the provide provide the approximate Thermatican ETH 40 Additional traditional and the approximation and the approximation on the abality. Other traditional traditional first and the approximation on the abality. Other traditional traditional traditional traditional traditional traditions. 	liss for open house, FeeEX aroon, fees for various the filing to determine incentive	
			 (5) Outside services miss includes the advance of a state consultant regarding (6) Advances includes the advance of a state consultant regarding (6) Advantising includes mesupper and other mode announcements of p proposed project. (7) Travel, lodging and meals are the direct expenses for Alleghamy staff to 	blic scoping meetings related to the	

Attachment 5 - Cost Support

				<u> </u>	Net	Accrual											
				Survivor	Salvage	Rate (Annual)									Doubs	Doubs	
TRANSMISSION PLANT		Life		Curve	Percent	Percent	Black Oak	Wylie Ridge	582 Junction - Territorial Mo Line Tra		North Shenandoah	Bedington Transformer	Meadowbrook Capacitor	Kammer Transformers	Replacement Transformer #2	Replacement Transformer #3	Rej Trar
350.2	Land & Land Rights - Easements	70		R4	0	1.43			2,474,480								
352	Structures & Improvements	50		R3	(10)	2.20	16,761		1,358,312								
	SVC	35	-			2.86											
353	Station Equipment						1.372.778	577.067	822.978	169.777	40,402	162.194	145.082	831.327	94,890	83.033	a
	Other	50		R2	(5)	2.10											1.
	SVC	Note 1		80 R2 - 35-yr truncation	(0)	2.96											
	SCADA	15	-	S3	0	6.67											
354	Towers & Fixtures	65		R4	(25)	1.92			7,291,946								
355	Poles & Fixtures	55		R2.5	(20)	2.18			2,908,959								
335	Foles & Foldies	55		K2.0	(20)	2.10			2,500,535								
356	Overhead Conductors & Devices																
	Other	55	-	R2.5	(40)	2.80			5,312,683								
	Clearing	70	-	R4	0	1.43			1,077,525								
357	Underground conduit	55		\$3	(5)	1.91											
358	Underground conductor and devices	45		R3	(5)	2.33											
	SVC	35				2.86											

						Annua	I Depreciation Exp	ense						
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
152	281		14,882	326 2,506	1,255				124,532	2,668	3,450			
149,366	13,533	34,383	110,514	329,706	18,436	17,476	104,220	1,274,919		249,150	21,896	37,270		761,42
			96,590							8,428			35,708 198,157	
			348,835							385,009			42,712	
149,518	13,814	34,383	570,821	332,538	19,691	17,476	104,220	1,274,919	124,532	645,255	25,345	37,270	276,577	761,4

Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road	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
							6,328		2,078		153.903			18,595	
						84,630	6,328		2,078		153,903			18,389	
69,881	11,958	923,858	103,796	9,216	158,081	1,296,406	184,386	18,717	30,620	14,538	328,364	922,123	44,130	144,608	28,746
						80,158									
						30,034									
69,881	11,958	923,858	103,796	9,216	158,081	1,491,227	190,714	18,717	32,698	14,538	482,267.03	922,123	44,130	163,194	28,746

iver Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascas SS	Warren Substation Pierc	ebrook SS	Total
	113,765 56,592							118,519	12,132	248,484	615,830		37,689		2.591.238 2,877,101
11,307	116,218	47,011	802,535	419,641	23,836	19,669	63,079	1,130,164	1,364,076	584,390	1,237,492	26,362	486,457	131,976	18,305,034
															7,407,812
	(1,034)						853,489								4,064,588
	206,935						655,604 491,421								391,548 6,590,265 1,568,946

Attachmont	5.	Cost	Sunnorf	

GENERAL PLANT		Life	Survivor Curve	Net Salvage Percent	Accrual Rate (Annual) Percent	Total
390	Structures & Improvements	50	R1	0	2.00	868,571
391	Office Furniture & Equipment	20	SQ	0	5.00	100,505
	Information Systems Data Handling	10 10	SQ SQ	0	10.00 10.00	353.076
392	Transportation Equipment					
	Other	15	SQ	20	5.33	
	Autos Light Trucks	7 11.5	S3 L4	20 20	11.43	1.805
	Medium Trucks	11.5	L4 L4	20	6.96 6.95	1,800
	Trailers	11.5	L4 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	625,288
398 Total General Plant	Miscellaneous Equipment	15	SQ	0	6.67	1.949.254
Total General Plant Depreciation Expense (must tie to p338.10.b & c)	1,949,254				•	
INTANGIBLE PLANT		Life	Survivor Curve	Net Salvage Percent	Accrual Rate (Annual) Percent	Total
303 Total Intangible Plant	Miscellaneous Intancible Plant	5	SQ	0	20.00	1,798,331 1,798,331
Total Intangible Plant Amoritization (must tie to p336.1 d & e)	1.798,331				L	
These depreciation rates will not change absent the appropriate fi	ing at FERC.					

 1 Tool PBO[®] names
 22.554.33

 2 Amount fultion to interior
 8,786.27

 3 Mount Advanced on FTE
 14.070.00

 4 Cost or FTE
 1.192

 6 Mount Cost FTE
 1.192

 6 Mount Cost FTE
 1.192

 7 TALCo FIGUE To intervision
 0.000

 7 TALCo FIGUE Specific Ancount Spectrum type:
 0

 6 Mount Spectrum type:
 0

 7 Tal.Co FIGUE Specific Ancount Spectrum type:
 0

 6 Table Specific Ancount Spectrum type:
 0

 7 Line 14 cannot change abset specific or acceptance by FERC In a separate proceeding.
 0

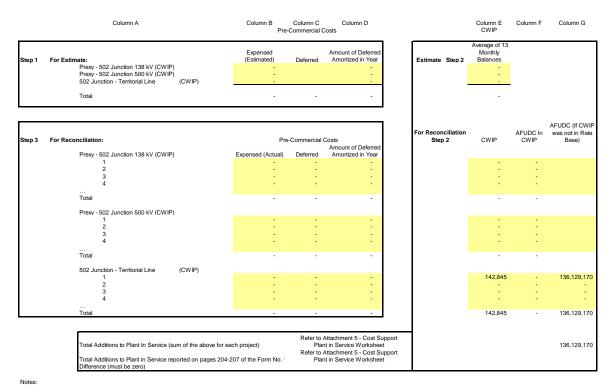
Attachment 5a - Pre-Commercial Costs and CWIP

Step 1 Totals reported below are by project with the amounts to be expensed reported separately from those to be deferred and amontized (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.

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.

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 Step 3 agreeing to FERC Form 1 and Attachment 5.



 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	Allocation
	(Estimated 2/12/2008)	
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.

0 0

0

16,739 16,739

16,739

16,739 16,739

185,272

Step Month Year Action Exec Summary 1 April 2 April 3 April 4 May 5 June Year 2 TO populates the formula with Year 1 data 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. TO adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33) Year 2 Year 2 Year 2 Post results of Step 3 on PJM web site Year 2 Results of Step 3 go into effect TO estimates all transmission Cap Adds and CWP during Year 3 based each project's cost using the average of 13 monthly balances. Cap Adds are expected be in service in Year 3. Reconciliation around them provide 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 CWP in Reconciliation (adjusted to include any Reconciliation around them prior year). 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) April April Year 3 Year 3 6 7 8 April Year 3 Post results of Step 8 on PJM web site 9 May 10 June Year 3 Year 3 Results of Step 8 go into effect

Reconciliation Details

1 April Year 2

TO populates the formula with Year 1 data Rev Reg 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)	(1)
		Richwood Hill	Erie South	Joffre Sub	Oak Mound	Damascus Substation	Warren Substation	Kammer	502 Junction - Territorial Line (monthly additions)
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year CWIP) p216.b.43	Actual								
Jan 2018	Actual	63,709	10,449	(6,399)	299,580	4,142	(1,950)	7,660	(37,956)
Feb	Actual	3,559	6,962	(4,876)	87,121	1,443	1,194	11,247	6,629
Mar	Actual	6,771	2,954	25,819	73,539	-	3,328	(23,826)	528,780
Apr	Budget		35,000	-	237,047			-	944,653
Мау	Budget			-	357,090			-	95,945
Jun	Budget			-	357,090		-	-	1,707,012
Jul	Budget			-	30,391			-	1,958,492
Aug	Budget					-			677,647
Sep	Budget								353,671
Oct	Budget			-				-	335,750
Nov	Budget			-				-	186,565
Dec	Budget								33,915
Total		74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	6,791,102

Month End Balances										
Other Projects PIS (Monthly additions)	Richwood Hill		Joffre Sub	Oak Mound	Damascus Substation	Warren Substation	Kammer	502 Junction - Territori Line (monthly additions		
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	CWIP		
	63,709	10,449	(6,399)	299,580	4,142	(1,950)	7,660	(37,95		
	67,268	17,410	(11,275)	386,701	5,586	(756)	18,907	(31,32		
	74,039	20,364	14,544	460,239	5,586	2,573	(4,919)	497,45		
	74,039	55,364	14,544	697,286	5,586	2,573	(4,919)	1,442,10		
	74,039	55,364	14,544	1,054,376	5,586	2,573	(4,919)	1,538,050		
	74,039	55,364	14,544	1,411,466	5,586	2,573	(4,919)	3,245,06		
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	5,203,55		
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	5,881,20		
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	6,234,87		
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	6,570,62		
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	6,757,18		
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	6,791,10		
	871,370	546,500	127,767	12,960,791	65,583	23,020	(22,618)	44,091,92		
	67,028	42,038	9,828	996,984	5,045	1,771	(1,740)	3,391,68		
(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)
		Meadowbrook SS	502 Jct Substation	Black Oak	Doubs Replace Transformer #4	Piercebrook Substation	Doubs SS	Bartonville	
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year CWIP) p216.b.43	Actual								
Jan 2018	Actual	4,430	11,773	34,996			44,040	0	
Feb	Actual	2,963	328	14,856			44,040		
Mar	Actual	3,104	11	197,155	(8,950)				
Apr	Budget	0,104		-	(0,000)				
May	Budget					8,649,666			
Jun	Budget					48,792			
Jul	Budget					3,793			
Aug	Budget			-		3,793			
Sep	Budget			234,412		3,793		-	
Oct	Budget			839,883					-
Nov	Budget			12,341					-
Dec	Budget			48,625					-
Total		10,498	12,112	1,382,268	(8,950)	8,709,837	44,040	0	-
Ē	(A)	(8)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
F	(A)	(B) Shuman Hill Sub	Farmers Valley		(E)	(F)	(G) Rider	(H)	
E	(A)			(D) Waldo Run SS (in service)	(E) (in service)	(F) (in service)		(H) (in service)	(I) Monocacy (in service)
	(A)	Shuman Hill Sub	Farmers Valley Capacitor	Waldo Run SS			Rider		Monocacy
Dec (Pfor Year		Shuman Hill Sub	Farmers Valley Capacitor	Waldo Run SS			Rider		Monocacy
CWIP) p216.b.43	Actual	Shuman Hill Sub	Farmers Valley Capacitor (in service)	Waldo Run SS (in service)			Rider (in service)		Monocacy
CWIP) p216.b.43 Jan 2018	Actual Actual	Shuman Hill Sub (in service)	Farmers Valley Capacitor (in service)	Waldo Run SS (in service) - 249,985			Rider (in service) - 2,022		Monocacy
CWIP) p216.b.43 Jan 2018 Feb	Actual Actual Actual	Shuman Hill Sub	Farmers Valley Capacitor (in service)	Waldo Run SS (in service) 249,985 (147,640)		(in service)	Rider (in service) - 2,022 13,837		Monocacy
CWIP) p216.b.43 Jan 2018 Feb Mar	Actual Actual Actual Actual	Shuman Hill Sub (in service)	Farmers Valley Capacitor (in service)	Waldo Run SS (in service) - 249,985		(in service) - -	Rider (in service) - 2,022		Monocacy
CWIP) p216.b.43 Jan 2018 Feb Mar Apr	Actual Actual Actual Actual Budget	Shuman Hill Sub (in service) - 47,488	Farmers Valley Capacitor (in service) - 5	Waldo Run SS (in service) 249,985 (147,640)		(in service) - - -	Rider (in service) - 2,022 13,837		Monocacy
CWIP) p216.b.43 Jan 2018 Feb Mar Apr May	Actual Actual Actual Actual Budget Budget	Shuman Hill Sub (in service) - 47,488	Farmers Valley Capacitor (in service) - 5	Waldo Run SS (in service) 249,985 (147,640)		(in service) - - -	Rider (in service) - 2,022 13,837		Monocacy
CWIP) p216.b.43 Jan 2018 Feb Mar Apr May Jun	Actual Actual Actual Budget Budget Budget	Shuman Hill Sub (in service) - 47,488	Farmers Valley Capacitor (in service) - 5	Waldo Run SS (in service) 249,985 (147,640)		(in service) - - -	Rider (in service) - 2,022 13,837		Monocacy
CWIP) p216.b.43 Jan 2018 Feb Mar Apr May Jun Jun	Actual Actual Actual Budget Budget Budget Budget	Shuman Hill Sub (in service) - 47,488	Farmers Valley Capacitor (in service) - 5	Waldo Run SS (in service) 249,985 (147,640)		(in service) - - -	Rider (in service) - 2,022 13,837		Monocacy
CWP) p216.b.43 Jan 2018 Feb Mar Apr May Jun Jul Aug	Actual Actual Actual Budget Budget Budget Budget	Shuman Hill Sub (in service) - 47,488	Farmers Valley Capacitor (in service) - 5	Waldo Run SS (in service) 249,985 (147,640)		(in service) - - -	Rider (in service) - 2,022 13,837		Monocacy
CWP) p216.b.43 Jan 2018 Feb Mar Apr Jun Jun Jun Jug Sep	Actual Actual Actual Budget Budget Budget Budget Budget	Shuman Hill Sub (in service) - 47,488	Farmers Valley Capacitor (in service) - 5	Waldo Run SS (in service) 249,985 (147,640)		(in service) - - -	Rider (in service) - 2,022 13,837		Monocacy
CWP) p216.b.43 Jan 2018 Feb Mar Apr Jun Jun Jun Sep Oct	Actual Actual Actual Budget Budget Budget Budget Budget Budget	Shuman Hill Sub (in service) - 47,488	Farmers Valley Capacitor (in service) - 5	Waldo Run SS (in service) 249,985 (147,640)		(in service) - - -	Rider (in service) - 2,022 13,837		Monocacy
CWIP) p216.b.43 Jan 2018 Feb Mar Apr Jun Jun Jul Aug Sep Oct Nov	Actual Actual Actual Budget Budget Budget Budget Budget Budget Budget Budget	Shuman Hill Sub (in service) - 47,488	Farmers Valley Capacitor (in service) - 5	Waldo Run SS (in service) 249,985 (147,640)		(in service) - - -	Rider (in service) - 2,022 13,837		Monocacy
CWP) p216.b.43 Jan 2018 Feb Mar Apr Jun Jun Jun Sep Oct	Actual Actual Actual Budget Budget Budget Budget Budget Budget	Shuman Hill Sub (in service) 47,488 - - - - - - - - - - - - - - - - - -	Farmers Valley Capacitor (in service) 5 - - - - - - - - - - - - - - - - - -	Wiato Run SS (in service) 249,985 (147,640) 51,209 - - - -	(in service)	(n service) - - - - - - - - - - - - - - - - - - -	Rider (in service) - 2,022 13,837 880 - - - - - - - - - - - - - - - - - -		Monocacy

Other Projects PIS				Doubs Replace				
(Monthly additions)	Meadowbrook SS	502 Jct Substation	Black Oak	Transformer #4	Piercebrook Substation	Doubs SS	Bartonville	0
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	4,430	11.773	34,996			44,040	0	
	7,393	12,101	49,853			44.040	0	
	10,498	12,112	247.007	(8,950)		44.040	0	
	10,498	12,112	247,007	(8,950)		44,040	0	
	10,498	12,112	247,007	(8,950)	8,649,666	44,040	0	
	10,498	12,112	247,007	(8,950)	8,698,458	44,040	0	
	10,498	12,112	247,007	(8,950)	8,702,251	44,040	0	
	10,498	12,112	247,007	(8,950)	8,706,044	44,040	0	
	10,498	12,112	481,419	(8,950)	8,709,837	44,040	0	
	10,498	12,112	1,321,302	(8,950)	8,709,837	44,040	0	
	10,498	12,112	1,333,643	(8,950)	8,709,837	44,040	0	
	10,498	12,112	1,382,268	(8,950)	8,709,837	44,040	0	
	116,799	144,995	6,085,527	(89,505)	69,595,767	528,481	3	
				Month End Balan	CRS			
Other Projects PIS								
(Monthly additions)	Shuman Hill Sub	Farmers Valley Capacitor	Waldo Run SS	0	0	Rider	0	Monocacy
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	-			-				
		5	249,985			2,022		
	47,488	5	102,345			15,859		
	47,488	5	153,554			16,739		
	47,488	5	153,554	-		16,739	-	
	47,488	5	153,554	-		16,739	-	
	47,488	5	153,554	-		16,739	-	
	47,488	5	153,554	-		16,739	-	
	47 400	F	152 554			16 720		

153,554

153,554

153 554

153,554

1,887,866

63

47,488 47,488

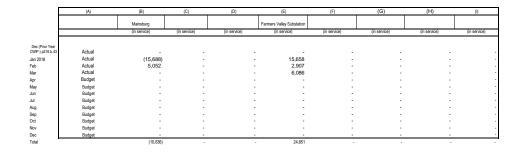
47,488

47,488

47,488

522,368

Month End Balances



				Month End Balance	s	E	XHIBIT NO. TRC-203	
Other Projects PIS Monthly additions)	Mainsburg	0	0	Farmers Valley Substation	0	4 ر	TTACHMENT H-18A	0
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	Hage 00 01 49	(in service)
	(15,688)			15.658				
	(10,636)	-	-	18,565				
	(10,636)	-	-	24,651				
	(10,636)	-	-	24,651				
	(10,636)	-	-	24,651				
	(10,636)	-	-	24,651				
	(10,636)			24,651				
	(10,636)			24,651				
	(10,636)			24,651				
	(10,636)	-		24,651				
	(10,636)	-		24,651				
	(10,636)	-		24,651				
-	(132,679)			280,733				

3 April Year 2 TO adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33)

4 May Ye

Year 2 Post results of Step 3 on PJM web site

	FOSLIESULS OF SLEP 3 OF F3	in web site																
Wylie Ridge (Monthly additions)	Black Oak (Monthly additions)	North Shenandoah (Monthly additions)	Meadowbrook Transformer (Monthly additions)	Bedington Transformer (Monthly additions)	Meadow Brook SS Capacitor (Monthly additions)	Kammer Transformers (Monthly additions)	Doubs Transformer #2 (Monthly additions)	Doubs Transformer #3 (Monthly additions)	Doubs Transformer #4 (Monthly additions)	Cabot SS (Monthly Additions)	Hunterstown	Farmers Valley	Harvey Run	Doubs SS	Potter SS (Monthly Additions)	Osage Whiteley (Monthly Additions)	Meadowbrook SS	502 Junction - Territorial Line (Monthly additions)
\$ 2,435,994	5,014,684.81	204,599.36	833,407.08	790,935.59	678,187.76	4,104,662	539,936	494,161	614,388	773,198	4,996,778	218,600	94,072	567,498	219,276	2,769,164	6,956,784	120,940,038
502 Junction Substation	Waldo Run	Conemaugh	Blairsville	Four Mile Junction	Johnstown	Yeagertown	Grandview Capacitor	Altoona SVC	Luxor	Grandpoint & Guilford	Moshannon	Carbon Center	Shawville	Oak Mound	Shuman Hill	Buffalo Road	Conemaugh Capacitor	Grover SS Capacitor
\$ 1,140,693.52	6,699,016.43	3,174,738.95	378,092.61	1,099,555.63	561,857.37	132,255	73,648	4,121,663	136,943	202,169	866,551	64,840	262,390	12,811,042	175,836	49,973	-	96,956
	Handsome Lake - Homer							Johnstown Sub										
Richwood Hill	City	West Union	Rider Sub (West Milford)	Erie South	Monocacy SS	Bartonville SS Capacitor	Mainsburg SS	Capacitor	Claysburg Ring Bus	Joffre Sub	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswaner	Armstrong	Farmers Valley Substation	Damascus Substation	Warren Substation
\$ 9,067,597.78	1,461,844.42	102,043.14	2,061,003.28	5,810,927.43	4,455,899.84	79,200	2,751,235	158,636	894,705	5,517,309	2,240,649	3,843,085	209,068	109,303	1,777,566	4,621,661	138,832	2,649,932
	1																	

Total Revenue Requirement \$ 233,780,444.15 Piercebrook Substation Joffre Substation S1041 535,366

5 June Year 2 Results of Step 3 go into effect

(C) (D) (G) (H) (A) (B) (E) (E) (I) 502 Junction - Territorial Line (monthly additions) (in service) (in service) (in service) (in service) (in service) CWIP Dec (Prior Year CWP) (p216 b.43 Jan 2018 Feb Mar Apr Jan Jan Jan Jan Jan Jan Sep Oct Nov Dec Total New Transm New Transmission Plant Additions for Year 3 (13 month average balance)

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 be in service in Year 3.

			Month End Balan	.63			
					502 Junction - Territorial Line (monthly additions)		
			(in service)	(in service)	CWIP	CWIP	CWIP
	-		-				
-						:	
-	-	-	-				
-	-	-	-		-		
						:	
-	-	-					

							Meadow Brook SS		Meadowbrook				502 Junction - Territorial
			Doubs Transformer #4										
Total Revenue Require	ent Potter SS	Cabot SS Transformer	(Monthly additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	additions)	additions)

7 April Year 3

6 April

Year 3

Reconciliation - TO calculates Reconciliation by opputating 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).

Ľ	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
-							502 Junction - Territorial Line (monthly additions) CWIP		
Dec (Prior Year									
CWIP) p216.b.43	Actual						(79,813)		
Jan 2018	Actual			-			(693)		
Feb	Actual						(2,076)		
Mar	Actual						(3,787)		
Apr	Actual						1,815		
Мау	Actual			-			1,095		
Jun	Actual			-			(798)		
Jul	Actual				-		250		
Aug	Actual				-		1,159		
Sep	Actual						(3,716)		
Oct	Actual						1,158		
Nov	Actual	-	-	-			949		
Dec	Actual		-	-			1,735		
Total			-			-	(82,722)	-	

			Ν	Nonth End Balances				
Other Projects PIS (Monthly additions)						2 Junction - Territorial Line (monthly additions)		
						CWIP		
						145,754		
						145,061		
						142,985		
	-			-		139,198		
	-			-		141,013		
	-			-		142,108		
	-			-		141,310		
	-					141,560		
	-					142,718		
	-	-		-		139,003		
	-					140,161		
	-	-	-	-		141,110		
	-	-	-	-		142,845		
		•	-		•	1,844,825	•	
						141,910		

EXHIBIT NO. TRC-203	
ATTACHMENT H-18A	

_			Result of Formula for Re	conciliation													ALL	ACHMENT H-1	
																		Page 32 of	49
								Meadow Brook SS		Meadowbrook				502 Junction - Territorial					
				Doubs Transformer #4	Doubs Transformer #3	Doubs Transformer #2	Kammer Transformers	Capacitor (Monthly	Bedington Transformer	Transformer (Monthly	North Shenandoah	Black Oak (Monthly	Wylie Ridge (Monthly	Line (Monthly					
	fotal Revenue Requirement	Potter SS	Cabot SS Transformer	(Monthly additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	additions)	additions)	Osage Whiteley	Armstrong	Farmers Valley	Harvey Run	Doubs SS
\$	241,898,147.87	227,118.12	799,545.12	630,960.86	512,028.31	558,211.98	4,234,550	698,071	815,222	859,986	211,045	5,110,133	2,498,406	124,472,155	2,854,251	1,835,498	227,966	97,151	586,880
		-																	
		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	Waldo Run	Four Mile Junction	West Union SS	Bartonville SS Capacitor
		7,210,675	51,615	1,509,172	76,044	141,435	208,816	4,257,002	390,504	3,288,992	1,234,667	66,972	5,160,772	580,306	896,859	6,950,862	1,136,964	105,408	83,734
	-																		
		Yeagertown	Rider	Monocacy SS	Shuman Hill Sub	Mainsburg SS	Johnstwon 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
		136,660	2,165,761	4,594,178	181,096	2,870,456	163,903	100,832	924,371	2,307,101	3,947,040	215,300	112,948	271,160	13,200,773	6,089,477	5,970,776	4,794,333	9,361,559

Damascus SS	Warren Substation	Joffre Substation S1041	Piercebrook Substation
155,446	2,975,619		779,384

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 241,898,148	-				The forecast in Prior Year 233,780,444		=	8,117,704	reconciliation amou	t rate year, divide thi unt by 12 and multipl nonths and fractiona is in effect.	у	
	Interest on Amount of Refu												
	Interest 35.19a for March 0					0.4300%							
	Month	Yr				1/12 of Step 9		Interest 35.19a for		Interest		Surcharge (Refund) Owe	±
								March Current Yr	Months				
	Jun	Year 1				676,475		0.4300%	11.5	33,452		709,927	
	Jul	Year 1				676,475		0.4300%	10.5	30,543		707,018	
	Aug	Year 1				676,475		0.4300%	9.5	27,634		704,109	
	Sep	Year 1				676,475		0.4300%	8.5	24,725		701,200	
	Oct	Year 1				676,475		0.4300%	7.5	21,816		698,292	
	Nov	Year 1				676,475		0.4300%	6.5	18,907		695,383	
	Dec	Year 1				676.475		0.4300%	5.5			692.474	
	Jan	Year 2				676,475		0.4300%	4.5			689,565	
	Feb	Year 2				676.475		0.4300%	3.5			686.656	
	Mar	Year 2				676.475		0.4300%	2.5			683.747	
	Apr	Year 2				676.475		0.4300%	1.5			680,839	
	Mav	Year 2				676,475		0.4300%	0.5			677.930	
	Total	TOUR 2				8.117.704		0.400074	0.0	1,404		8,327,140	
	Total					0,117,704						0,027,140	
						Balance		Interest	Amort	Balance			
	Jun	Year 2				8,327,140		0.4300%	713,476	7.649.471			
	Jul	Year 2				7,649,471		0.4300%	713,476	6.968.887			
		Year 2				6.968.887		0.4300%	713,476	6,966,667			
	Aug	Year 2				6,285,377		0.4300%					
	Sep								713,476	5,598,928			
	Oct	Year 2				5,598,928		0.4300%	713,476	4,909,527			
	Nov	Year 2				4,909,527		0.4300%	713,476	4,217,162			
	Dec	Year 2				4,217,162		0.4300%	713,476	3,521,820			
	Jan	Year 3				3,521,820		0.4300%	713,476	2,823,487			
	Feb	Year 3				2,823,487		0.4300%	713,476	2,122,152			
	Mar	Year 3				2,122,152		0.4300%	713,476	1,417,801			
	Apr	Year 3				1,417,801		0.4300%	713,476	710,421			
	Мау	Year 3				710,421		0.4300%	713,476	(0)			
	Total with interest								8,561,715				
			in Step 8 and the forecas		est					Input to Appendix A, Li	ne 143		
	Rev Req based on Ye	ar 2 data with estimat	ted Cap Adds for Year 3	(Step 8)					\$-				
	Revenue Requiremen	t for Year 3							8,561,715				
								Recor	ciliation Amount by	Project			
		1		1	1					1			1
		1		1	1		Meadow Brook SS		Meadowbrook	1			502 Ju
		1	Doubs Transformer #4	Doubs Transformer #3	Doubs Transformer #2	Kammer Transformers	Capacitor (Monthly	Bedington Transformer	Transformer (Monthly	North Shenandoah	Black Oak (Monthly	Wylie Ridge (Monthly	Line
uirement	Potter SS	Cabot SS Transformer	(Monthly additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	additions)	

	Reconciliation Amount by Project																		
Total Revenu	ue 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
\$	8,561,715	8,271	27,788	17,479	18,845	19,275	136,992	20,970	25,614	28,033	6,798	100,669	65,826	3,725,311	89,741	61,101	9,878	3,247	20,442
_						1													
		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	Waldo Run	Four Mile Junction	West Union SS	Bartonville SS Capacitor
	[267,778	1,732	49,916	2,528	4,737	7,010	142,741	13,090	120,503	99,114	2,248	172,964	19,458	31,967	265,621	39,454	3,549	4,782
			1	-	-			-						-			-		
		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
	[4,646	110,487	145,841	5,548	125,742	5,556	4,088	31,289	70,087	109,641	6,573	3,844	9,249	411,048	603,463	168,592	182,117	310,040
		Damasque SS	Marron Substation	loffro SS	Disrochmark SS														

Piercebrook SS
- 257,365 acus SS Warren Substation 17,522 343,501 Joffre SS .

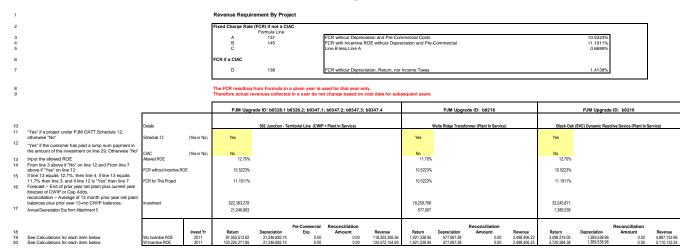
9 May Year 3

Post results of Step 8 on PJM web site \$ 8,561,715

10 June Year 3

Results of Step 8 go into effect \$ 8,561,715

Attachment 7 - Transmission Enhancement Charge Worksheet



For Vinit is Bandes "Pie-Commercial for is equal to the amount of pre-commercial expense on Attachment 5s for each project expensed in year and amontand in year. Revenue is equal to the "Return" ("Investment" Immes FCR) plus "Depreciation" plus "Pre-Commercial Exp" plus prior year "Reconciliation Amount" Reconciliation Amount" is created in the reconciliation in Attachment of and Inducid in the forscatter derveue requirement.

8 9																	
			PJM Upgrad	e ID: b0323			PJM Upgra	de ID: b0230			PJM Upgra	de ID: b0229			PJM Upgrad	ie ID: b0559	
10		No	th Shenandoah Trans	former (Plant In Servic	e)		Meadowbrook Transl	ormer (Plant In Service)			Bedington Transfor	mer (Plant In Service)			Meadowbrook Capa	citor (Plant In Service)	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No				No			
13 14	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7	11.70%				11.70%				11.70%				11.70%			
	above if "Yes" on line 12	10.5223%				10.5223%				10.5223%				10.5223%			
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	10.5223%				10.5223%				10.5223%				10.5223%			
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.	1,621,731				6,559,516				6,206,153				5,255,419			
17	Annual Depreciation Exp from Attachment 5	40,402				169,777				162,194				145,082			
18		Return	Depreciation	Reconciliation	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
19	See Calculations for each item below See Calculations for each item below	170,642.61	40,401.96 40.401.96	0.00	211,044.57 211.044.57	690,208.97 690,208.97	169,777.01 169.777.01	0.00	859,985.98 859,985.98	653,027.23 653.027.23	162,194.28 162,194.28	0.00	815,221.51 815,221.51	552,988.49 552,988.49	145,082.04 145.082.04	0.00	698,070.53 698,070.53
20	See Calculations for each item below	1/0,642.61	40,401.95	0.00	211,044.57	690,208.97	169,777.01	0.00	859,985.98	653,U27.23	162,194.28	0.00	815,221.51	552,988.49	145,082.04	0.00	698,070.53

For Plant in Service "Pre-Commercial Exp" is equal to the amount of pre-comm Revenue is equal to the "Return" ("Investment" times FCR; "Reconciliation Amount" is created in the reconciliation in A

8 9																	
			PJM Upgrad	le ID: b0495			PJM Upgrad	le ID: b0343			PJM Upgrad	le ID: b0344			PJM Upgrad	de ID: b0345	
10			Kammer Transform	ers (Plant In Service)			Doubs Replace	Transformer #2			Doubs Replace	Transformer #3			Doubs Replace	Transformer #4	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No				No			
13	Input the allowed ROE	11.70%				11.70%				11.70%				11.70%			
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	10.5223%				10.5223%				10.5223%				10.5223%			
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	10.5223%				10.5223%				10.5223%				10.5223%			
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.	32.343.092				4.403.253				4.077.028				4,574,978			
17	Annual Depreciation Exp from Attachment 5	831,327				94,890				83,033				149,570			
18		Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
19 20	See Calculations for each item below See Calculations for each item below	3,403,222.29 3,403,222.29	831,327.35 831,327.35	0.00	4,234,549.64 4,234,549.64	463,321.50 463,321.50	94,890.48 94,890.48	0.00	558,211.98 558,211.98	428,995.22 428,995.22	83,033.09 83,033.09	0.00	512,028.31 512,028.31	481,390.82 481,390.82	149,570.04 149,570.04	0.00	630,960.86 630,960.86

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

8 9																	
			PJM Upgrad	ie ID: b0704			PJM Upgrad	de ID: b1941			PJM Upgrad	e ID: b0563			PJM Upgrad	le ID: b0564	
10			Cabot SS - Instal	Autotransformer			Arm	strong			Farmers Valle	ey Capacitor			Harvey Ru	n Capacitor	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No				No			
13 14	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7	11.70%				11.70%				11.70%				11.70%			
14	above if "Yes" on line 12 If line 13 equals 12.7%, then line 4, if line 13 equals	10.5223%				10.5223%				10.5223%				10.5223%			
	11.7% then line 3, and if line 12 is "Yes" then line 7 Forecast – End of prior year net plant plus current year	10.5223%				10.5223%				10.5223%				10.5223%			
16	forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant																
	balances plus prior year 13-mo CWIP balances.	6,177,637				14,283,634				1,979,380				757,201			
17	Annual Depreciation Exp from Attachment 5	149,518				332,538				19,691				17,476			
				Reconciliation				Reconciliation				Reconciliation				Reconciliation	
18 19 20	See Calculations for each item below See Calculations for each item below	Return 650,026.70 650.026.70	Depreciation 149,518.42 149,518.42	Amount 0.00 0.00	Revenue 799,545.12 799.545.12	Return 1,502,960.24 1,502,960.24	Depreciation 332,538.12 332,538.12	Amount 0.00 0.00	Revenue 1,835,498.36 1.835,498.36	Return 208,275.41 208,275.41	Depreciation 19,690.68 19.690.68	Amount 0.00 0.00	Revenue 227,966.09 227,966.09	Return 79,674.56 79.674.56	Depreciation 17,476.20 17,476.20	Amount 0.00 0.00	97,150.76 97,150.76
						.,			.,								

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

8 9																			
			PJM Upgrad	de ID: b1803				PJM Upgrade ID: b	1243			PJM Up	grade ID: b0674, b10	23, b1023.3			PJM Upgra	de ID: b1804	
10			Dou	bs SS				Potter SS					Osage Whiteley				Meadov	brook SS	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes					Yes					Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No					No					No			
13	Input the allowed ROE	11.70%				11.70%					11.70%					11.70%			
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	10.5223%				10.5223%					10.5223%					10.5223%			
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	10.5223%				10.5223%					10.5223%					10.5223%			
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.	TODEEDN				10.022070					10.0LL074					10.522074			
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	4.587.036				1.831.687					21.700.956					56.411.446			
17	Annual Depreciation Exp from Attachment 5	104,220				34,383					570,821					1,274,919			
				Reconciliation					Reconciliation					Reconciliation				Reconciliation	
18		Return	Depreciation	Amount	Revenue	Return	Depreciation	Pre-Commercial Exp.	Amount	Revenue	Return	Depreciation	Pre-Commercial Exp.	amount	Revenue	Return	Depreciation	Amount	Revenue
19 20	See Calculations for each item below See Calculations for each item below	482,659.54 482,659.54	104,220.36 104,220.36	0.00		192,735 192,735	34,383 34,383	0	0	227,118.12 227,118.12	2,283,430 2,283,430	570,821 570,821	0	0	2,854,251.03 2,854,251.03	5,935,755.68 5,935,755.68	1,274,919.24 1,274,919.24	0.00 0.00	7,210,674.92 7,210,674.92

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

6 7																	
8 9																	
			PJM Upgrad	de ID: b1990		Р	JM Upgrade ID:	b0674 & b1023.1			PJM Upgrade	e ID: b1153			PJM Upgrad	e ID: b1965	
10			Grandviev	v Capacitor			502 Jct Su	ubstation			Conemaug	h-Seward			Lux	or	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No				No			
13 14	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7	11.70%				11.70%				11.70%				11.70%			
14	above if "Yes" on line 12 If line 13 equals 12.7%, then line 4, if line 13 equals	10.5223%				10.5223%				10.5223%				10.5223%			
16	11.7% then line 3, and if line 12 is "Yes" then line 7 Forecast – End of prior year net plant plus current year	10.5223%				10.5223%				10.5223%				10.5223%			
16	forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant																
17	balances plus prior year 13-mo CWIP balances. Annual Depreciation Exp from Attachment 5	591,419 13,814				10,550,355 124,532				25,125,204 645,255				1,103,275 25.345			
	Annual Depreciation Exp. rom Attachment 5	13,814				124,532				045,255				25,345			
18		Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
19 20	See Calculations for each item below See Calculations for each item below	62,230.63 62,230.63	13,813.68 13,813.68	0.00 0.00	76,044.31 76,044.31	1,110,135.21 1,110,135.21	124,532.16 124,532.16	0.00	1,234,667.37 1,234,667.37	2,643,737.81 2,643,737.81	645,254.61 645,254.61	0.00 0.00	3,288,992.42 3,288,992.42	116,089.40 116,089.40	25,345.20 25,345.20	0.00 0.00	141,434.60 141,434.60

For Plant in Service "Pre-Commercial Exp' is equal to the amount of pre-comm Revenue is equal to the "Return" ("Investment" times FCR; "Reconciliation Amount" is created in the reconciliation in A

1 2 3 4 5 6 7 8 9				
	PJM Upgrade ID: b1839	PJM Upgrade ID: b1941	PJM Upgrade ID: b1801	PJM Upgrade ID: b1967
10 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"	Grandpoint & Guilford	Handsome Lake-Homer City Yes	Altoona	Blairsville
 Input the allowed ROE 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 Forecast – End of prior year net plant line succurvel year 	No 11.70% 10.5223% 10.5223%	No 11.70% 10.5223% 10.5223%	No 11.70% 10.5223% 10.5223%	No 11.70% 10.5223% 10.5223%
 Protectars – Entro or prior year here priant proc current year forereast 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 	1,630,308 37,270	11,714,177 276,577	33,220,796 761,425	3,047,095 69,881
18 19 See Calculations for each item below 20 See Calculations for each item below	Return Depreciation Amount Revenue 171:545:15 37:270.44 0.00 208.815.59 171:545:15 37:270.44 0.00 208.815.59	Reconciliation Return Depreciation Amount Revenue 1.222.595.66 0.00 1.509.172.12 1.239.546 1.222.595.46 276.575.66 0.00 1.509.172.12	Return Depreciation 3,4955,756 751,424,96 0.00 4,557,001,54 3,4955,756,58 761,424,96 0.00 4,257,001,54	Reconciliation Return Depreciation Amount Revenue 320.623.13 69.881.04 0.00 390.504.17 320.623.13 69.881.04 0.00 390.504.17

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

8 9 PJM Upgrade ID: b1672 PJM Upgrade ID: b1800 PJM Upgrade ID: b1945 PJM Upgrade ID: b1770 PJM Upgrade ID: b1964 10 11 Carbon Center Hunterstown Johnstown Buffalo Road Moshannoi "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 Yes Yes Yes Yes 12 No 11.70% the amount of the investment on liee 29, Otherwise No' 13 Input the allowed ROE 14 From line 3 above If No' on line 12 and From lier 7 above 17 exit on line 12 above 17 exit on line 13 11.7% then line 3, and I line 12 lis Yes' then like 7 16 Forecast – End of priory sen exit plant plus current year treeconclassion – Average of 13 month prior year net plant 17 Annual Deprecision Exp tron Allowheret 5 No 11.70% No 11.70% No 11.70% No 11.70% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 522,835 40,266,224 4,528,593 402,953 7,021,105 11,958 923,858 103,796 9,216 158,081
 Reconciliation

 Depreciation
 Amount
 Revenue

 11,957.52
 0.00
 66,971.57

 11,957.52
 0.00
 66,971.57
 Reconciliation Amount 0.00 0.00 Reconciliation Amount 0.00 0.00 Reconciliation Reconciliation 18 19 See Calculations for each item below 20 See Calculations for each item below Return 55,014.05 55,014.05 Return 4,236,914.40 4,236,914.40 Depreciation 923,857.68 923,857.68
 Revenue
 Return

 5,160,772.08
 476,510.08

 5,160,772.08
 476,510.08
 Depreciation 103,796.40 103,796.40 Amount 0.00 0.00 Revenue Return 580,306.48 42,399.75 580,306.48 42,399.75 Depreciation 9,215.64 9,215.64 Revenue Return 51,615.39 738,778.51 51,615.39 738,778.51
 Depreciation
 Amount
 Revenue

 158,080.80
 0.00
 896,859.31

 158,080.80
 0.00
 896,859.31

For Plant in Service "Pre-Commercial Exp" is equal to the amount of pre-comm Revenue is equal to the "Return" ("Investment" times FCR; "Reconciliation Amount" is created in the reconciliation in A

8 9																									
		PJM	Upgrade ID: b2433	3.1, b2433.2, b24	33.3		PJM Upgrade ID:	b1609, b1769			PJM Upgrade	ID: b2343			PJM Upgrade	ID: b2342			PJM Upgrade	e ID: b1610			PJM Upgrade	D: b1840	
10			Waldo	Pup			Four Mile .	lunction			West Un	lon SS			Shuman Hi	Wahlay			Yeager	town			Rider S	ub.	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	Waldo	Ruh		Yes	Four Mile .	Junction		Yes	west on	ion 35		Yes	Shuman Hi	IVMODIEY		Yes	reager	town		Yes	Riders	0	
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No				No				No				No			
13	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7	11.70%				11.70%				11.70%				11.70%				11.70%				11.70%			
	above if "Yes" on line 12 If line 13 equals 12.7%, then line 4, if line 13 equals	10.5223%				10.5223%				10.5223%				10.5223%				10.5223%				10.5223%			
	11.7% then line 3, and if line 12 is "Yes" then line 7 Forecast – End of prior year net plant plus current year	10.5223%				10.5223%				10.5223%				10.5223%				10.5223%				10.5223%			
10	forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant																								
17	balances plus prior year 13-mo CWIP balances.	51,886,554				8,992,846				823,883				1,410,328				1,072,243				15,902,338			
17	Annual Depreciation Exp from Attachment 5	1,491,227				190,714				18,717				32,698				23,836				492,476			
				Reconciliation				Reconciliation				Reconciliation				Reconciliation				Reconciliation			1	econciliation	
18		Return	Depreciation	Amount	Revenue	Return	Depreciation	Amount	Revenue	Return	Depreciation	Amount	Revenue	Return	Depreciation	Amount	Revenue	Return	Depreciation	Amount	Revenue	Return	Depreciation	Amount	Revenue
19 20	See Calculations for each item below See Calculations for each item below	5,459,635.11 5,459,635.11	1,491,227.27 1,491,227.27	0.00	6,950,862.38 6,950,862.38	946,250.08 946,250.08	190,713.85 190,713.85	0.00	1,136,963.93 1,136,963.93	86,691.02 86,691.02	18,716.88 18,716.88	0.00	105,407.90 105,407.90	148,398.29 148,398.29	32,697.58 32,697.58	0.00	181,095.87 181,095.87	112,824.18 112,824.18	23,835.60 23,835.60	0.00	136,659.78 136,659.78	1,673,284.45 1,673,284.45	492,476.17 492,476.17	0.00	2,165,760.62 2,165,760.62

For Plant in Service "Pre-Commercial Exp" is equal to the amount of pre-comm Revenue is equal to the "Return" ("Investment" times FCR; "Reconciliation Amount" is created in the reconciliation in A

1

			PJM Upgrade	ID: b2235			PJM Upgrade	ID: b2260			PJM Upgrade	ID: b1802			PJM Upgrade	e ID: b0555			PJM Upgrad	le ID: b0556			PJM Upgrad	e ID: b1943	
10			Monoca	cy SS			Bartonville S	S Capacitor			Mainsb	irg SS			Johnstown Su	ub Capacitor			Grove	er SS			Claysburg	Ring Bus	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes				Yes				Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No				No				No				No			
13 14	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7	11.70%				11.70%				11.70%				11.70%				11.70%				11.70%			
15	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	10.5223%				10.5223%				10.5223%				10.5223%				10.5223%				10.5223%			
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.	10.5223%				10.5223%				10.5223%				10.5223%				10.5223%				10.5223%			
17	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	36,034,511				657,617				23,291,724				1,284,484				850,821				7,233,970			
17	Annual Depreciation Exp from Attachment 5	802,535				14,538				419,641				28,746				11,307				163,194			
18		Datum.		Reconciliation Amount	Revenue	Return		Reconciliation Amount	0	Return		Reconciliation	D	Data	Depreciation	Reconciliation Amount	D	Batan		Reconciliation Amount	Revenue	Return	Denneslation	Reconciliation Amount	
18 19 20	See Calculations for each item below See Calculations for each item below	Return 3,791,642.80 3,791,642.80	Depreciation 802,534.92 802,534.92	Amount 0.00 0.00	4,594,177.72 4,594,177.72	69,196.15 69,196.15	Depreciation 14,537.76 14,537.76	Amount 0.00 0.00		2,450,814.35 2,450,814.35	Depreciation 419,641.33 419,641.33	0.00		Return 135,156.70 135,156.70	28,746.48 28,746.48	Amount 0.00 0.00	Revenue 163,903.18 163,903.18	Return 89,525.51 89,525.51	Depreciation 11,306.52 11,306.52	Amount 0.00 0.00	100,832.03 100,832.03	761,176.72 761,176.72	Depreciation 163,194.12 163,194.12	Amount 0.00 0.00	Revenue 924,370.84 924,370.84

For Plant in Service "Pre-Commercial Exp' is equal to the amount of pre-comm Revenue is equal to the "Return" ("Investment" times FCR; "Reconciliation Amount" is created in the reconciliation in A

PJM Upgrade ID: b2364 & b2364.1 PJM Upgrade ID: b2362 PJM Upgrade ID: b2156 PJM Upgrade ID: b2546 PJM Upgrade ID: b1998 Ves' if a project under PJM OATT Schedule 12, otherwise "No"
 'Ves' if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"
 'Ves' decompt B/JE Squab Hollow SVC Squab Hollow SS Shingletown Canacitor Nyswaner Shawville Yes Yes Yes Yes Yes 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 1⁺ for on line 12 the 4⁻ line 1⁻ line 1⁻ line 4⁻ line 1⁻ line 4⁻ line 1⁻ line 4⁻ 1⁻ Froesalt - Ind of line 1⁻ line 4⁻ line 1⁻ line 4⁻ the nine 3 and line 1⁻ line 1⁻ and line 1⁻ line 1⁻ 1⁻ Froesalt - Ind of prive rare to plant plan current year thereast of CVVIP or Cop Adds. 1⁻ Annul Deprecision Eip tran Albahment 5 No 11.70% No 11.70% No 11.70% No 11.70% No 11.70% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 17,342,619 28,747,808 1,626,748 44,130 886,491 2,130,229 482,267 922,123 19,669 47,011 Reconciliation Amount 0.00 0.00
 Reconciliation

 Amount
 Revenue

 0.00
 271,159.53

 0.00
 271,159.53
 Reconciliation Reconciliation Reconciliation 18 19 See Calculations for each item below 20 See Calculations for each item below Return 1,824,834.42 1,824,834.42 Depreciation 482,267.03 482,267.03 Amount Revenue 0.00 2,307,101.45 0.00 2,307,101.45 Return 3,024,917.37 3,024,917.37 Depreciation 922,122.56 922,122.56 Revenue 3,947,039.93 3,947,039.93 Return 171,170.57 171,170.57 Depreciation 44,129.76 44,129.76 Amount Revenue Return 0.00 215,300.33 93,278.89 0.00 215,300.33 93,278.89 Depreciation 3 19,668.87 9 19,668.87 Amount Revenue 0.00 112,947.76 0.00 112,947.76 Return Depreciation 224,148.09 47,011.44 224,148.09 47,011.44

For Plant in Service "Pre-Commercial Exp" is equal to the amount of pre-comm Revenue is equal to the "Return" ("Investment" times FCR: "Reconciliation Amount" is created in the reconciliation in #

8 9 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 10 11 "Yes" if a project under PJM OATT Schedule 12, otherwise "No" Oak Mound Joffre SS Erie South Farmers Valley Substation Richwood Hill Damascus SS Yes Yes Yes Yes Yes Yes 12 "Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No No 11.70% No 11.70% No 11.70% No 11.70% No 11.70% No 11.70% 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 15 Iffield 15 upon 14 Zin Xin me 4, I line 15 equals 11.7% then line 3, and I line 12 lin Yea's then line 7 16 Forecast – End of priv year and plant plus current year treescale of CWIP or Gap Adds. 17 Annual Depreciation Exp from Attachment 5 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 10.5223% 105,844,050 46,005,285 43,665,251 37,648,389 71,355,787 1,226,764 2,063,593 1,248,684 1,376,208 832,874 1,853,321 26,362 econciliatic.. Amount
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 Reconciliati Reconciliation 18 19 See Calculations for each item below 20 See Calculations for each item below Return 11,137,179.96 11,137,179.96 Depreciation 2,063,592.90 2,063,592.90 on Amount 0.00 0.00 Revenue 13,200,772.86 13,200,772.86 Return 4,840,793.04 4,840,793.04 Revenue 6,089,476.83 6,089,476.83 Return 4,594,568.63 4,594,568.63 Revenue 5,970,776.40 5,970,776.40 Return 3,961,459.20 3,961,459.20 Revenue 4,794,333.46 4,794,333.46 Return 7,508,237.22 7,508,237.22 Revenue 9,361,558.65 9,361,558.65 Return 129,083.18 129,083.18 Depreciation 26,362.42 26,362.42 Revenue 155,445.60 155,445.60

For Plant in Service "Pre-Commercial Exp' is equal to the amount of pre-comm Revenue is equal to the "Return" ("Investment" times FCR; "Reconciliation Amount" is created in the reconciliation in A

8 9																	
			PJM Upgrade	e ID: b2494			PJM Upgrad	e ID: s1041			PJM Upgrade	ID: b2587					
10			Warren Su	ubstation			Joffre Subst	ation S1041			Piercebrook	Substation					
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes				Yes							
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No							
13	Input the allowed ROE	11.70%				11.70%				11.70%							
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	10.5223%				10.5223%				10.5223%							
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	10.5223%				10.5223%				10.5223%							
16	Forecast - End of prior year net plant plus current year	10.322376				10.5223%				10.322376							
	forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant																
	balances plus prior year 13-mo CWIP balances.	23,486,154				0				6,152,745							
17	Annual Depreciation Exp from Attachment 5	504,346				0				131,976							
18		Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Total	Incentive Charged	Revenue Credit	\$6.392.138.61
19	See Calculations for each item below	2,471,272.83	504,345.88	0.00	2,975,618.71	0.00	0.00	0.00	0.00	647,407.46	131,976.28	0.00	779,383.74	235,506,009.26		235,506,009.26	Ax A Line 148
20	See Calculations for each item below	2,471,272.83	504,345.88	0.00	2,975,618.71	0.00	0.00	0.00	0.00	647,407.46	131,976.28	0.00	779,383.74	241,898,147.87	241,898,147.87		

For Plant in Service "Pre-Commercial Exp' is equal to the amount of pre-comm Revenue is equal to the "Return" ("Investment" times FCR: "Reconciliation Amount" is created in the reconciliation in #

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 12/31/2018										
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(1)	ω	
t≓N Issue Date	Maturity Date	ORIGINAL	Net Proceeds At Issuance	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in Year* z*	Weichted Outstanding Ratios	Effective Cost Rate (Tables 2 and 3)	Weighted Debt Cost at t = N (h) * (i)	
First Mortaace Bonds: 3.85%, Serior Unsecured Notes 12/11/2014 3.75%, Serior Unsecured Notes 10/16/2015	6/2/2025 5/30/2025	\$ 550,000,000 \$ 75.000.000	\$ 545,247,429 \$ 74.437.647	\$ 547,082,278 \$ 74.623.492	12 12	\$ 547,082,278.00 \$ 74.623.492.00	88.00% 12.003%	3.95% 3.85%	3.48% 0.46%	
Total		\$ 625,000,000		\$ 621,705,770		\$ 621,705,770	100.000%		3.94%	**
I = time The current portion of long term debt is included in the Net Amourt Oustanding The outstanding amount (column (e)) for debt retired during the year is the outstan 'z = A kwege of monthly balances for monthe outstanding during the year (were terterm individual alteberular) debt cost calculations shall be taken to four decimal "This ToalWaighted Awenge Debt Cost will be shown on loss 101 of tomats."	ding amount at the last month it was outstanding. e of the balances for the 12 months of the year, with zero in months that the i s in percentages (7.2300%, 5.2582%); Final Total Weighted Average Debt C		decimals of a percent (7.03%).							

Issue Maturity Anount Premium Issuance Reacuited ADIT Net Proceeds Courcon Long Term Debit / Affiliate Date Issued at Issuance Expense Debt (Attachment 1) Proceeds Ratio Ratio	Annual (Yield t
Issue Maturity Anount Pienium Issuance Resourced ADIT Net Proceeds Coucon Long Term Debt I: Allitate Date Date Issued at Issued at Issuance Expense Debt (Attachment 1) Proceeds Ratio Rate	Annual (Yield t
Long term ueot h minate Date Date issued at issuance Expense Debt (vitionment)) Proceeds Katio Kate	Interest at Issua
	interest at 1550a
38%, Sener Usegare No 12/1/2014 6/2/2025 \$ 550,000,000 \$ (418,000) 4.334.571 - xx \$ \$45,247,429 99,1559 0.03850	\$ 21,175,000 3.1
3.7%, Serior Unscarant Notes 10/16/2015 5/30/2025 75,000,000 <u>662,333</u> \$ 74,437,647 99.2502 0.0376	\$ 2,820,000 3.0
	-

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 amorize 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	\$ 900,000,000
Internal Rate of Return ¹	4.886348%
Based on following Financial Formula ² :	
NPV=0= $\sum_{t=1}^{N} C_t/(1+IRR)pw$	vr(t)

E

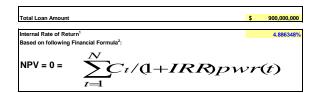
Origination Fees Origination Fees Addition Origination Fees		7,780,954 15,125	
Total Issuance Expense		7,796,079	
Revolving Credit Commitment Fee Revolving Credit Commitment Fee	New Borrowing 0.005	Old Borrowing 0.0050 0.0037	After borrowing is at the midpoint (\$275,000)

	2008			2008	2009	2010	2011	2012	2013	2014	2015
LIBOR Rate	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Spread											
Interest Rate Bond \$450M Interest	6.13%	3.86%	4.05%	4.34%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%
Rate	\$ 450,000,000					4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Revolver Interest Rate	\$ 350,000,000	Draw 1	DONE			3.249%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 2, 3, 4	DONE			3.247%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 5	DONE			3.251%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 6	DONE - Roll over Draw	1 and 4		3.316%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 7	DONE			3.361%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 8	DONE - Roll over Draw 2	2, 3 and 5		3.422%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 9	DONE			3.417%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 10	DONE			3.348%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 11	DONE - Roll over Draw 6	6 and 9		3.498%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 12	DONE - Roll over Draw	10		3.418%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 13	DONE - Roll over Draw	7 and 8		3.398%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 14	DONE			3.275%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 15	DONE			3.275%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 16	DONE - Roll over Draw	11		3.289%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 17	DONE			3.248%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 17A	DONE - Roll over Draw	12, 14 and 15		3.286%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 18	DONE - Roll over Draw	13 and 17		3.286%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 19	DONE				3.283%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 20	DONE - Roll over Draw	16			3.304%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 21	DONE - Roll over Draw	17A and 19			3.312%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 22	DONE - Roll over Draw	18			3.312%	6.21%			
Revolver Interest Rate			DONE				3.222%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 24	DONE Roll over Draw 20	0			3.213%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 25	DONE Roll over Draw 21	1 22 and 23			3.174%	6.21%			
Revolver Interest Rate	\$ 450,000,000		DONE Roll over Draw 25				3.169%	6.21%			
Revolver Interest Rate			DONE - Pay off Draw 2				3.196%	6.21%]		
Revolver Interest Rate	\$ 450,000,000	Draw 28	DONE				1.936%	6.21%			

				GL '224100		GL '820204	GL '181100/654106	GL '820202			
(A)	(B)	(C)	(D)	(E)		(F)	(G)	(H)	(1)		Amortization of
Year		Capital Expenditures	Principle Drawn In Quarter (\$000's)	Principle Drawn To Date	Outstanding Debt Balance	Interest Expense	Origination Fees	Commitment	Net Cash Flows (D-F-G-H)	Interest at effective rate	origination fees and commitment fees
2008											
12/24/2007	Q4	68,183,000	10,000,000	10,000,000	10,000,000		734.955.02		9.265.045		
01/31/2008	Q1	00,100,000	10,000,000	10,000,000	9,265,045		31.013.00		(31.013)	46,132	46.132
02/4/2008	Q1			10,000,000	9,280,164		69.578.45		(69,578)	4.853	4,853
02/6/2008	Q1			10,000,000	9,215,438		137.50		(138)	2,409	2,409
02/29/2008	Q1			10.000.000	9,217,710		2,960.00		(2,960)	27,752	27,752
03/5/2008	Q1			10.000.000	9,242,502		125,384,16		(125,384)	6.042	6.042
3/24/2008	Q1	25,543,000		10,000,000	9,123,160	155,047.57			(155,048)	22,684	(132,363)
03/31/2008	Q1			10,000,000	8,990,797		17,011.00		(17,011)	8,230	8,230
04/30/2008	Q2			10,000,000	8,982,016		197,269.56		(197,270)	35,289	35,289
05/19/2008	Q2			10,000,000	8,820,035		109,824.88		(109,825)	21,931	21,931
6/23/2008	Q2	20,509,000		10,000,000	8,732,141	97,477.43			(97,477)	40,038	(57,439)
06/26/2008	Q2			10,000,000	8,674,702		43,098.82		(43,099)	3,402	3,402
06/30/2008	Q2			10,000,000	8,635,005		13,267.50		(13,268)	4,516	4,516
08/8/2008	Q3			10,000,000	8,626,253		1,577.79		(1,578)	44,084	44,084
08/13/2008	Q3			10,000,000	8,668,760		62,776.98		(62,777)	5,667	5,667
8/15/2008	Q3		55,000,000	65,000,000	8,611,650	59,689.48	7,780,953.85		47,159,357	2,251	(57,438)
8/20/2008	Q3			65,000,000	55,773,258		530.00		(530)	36,461	36,461
8/25/2008	Q3			65,000,000	55,809,189		15,125.00		(15,125)	36,485	36,485
9/3/2008	Q3			65,000,000	55,830,549		82,654.66		(82,655)	65,714	65,714
9/8/2008	Q3			65,000,000	55,813,609		1,957.50		(1,958)	36,487	36,487
9/11/2008	Q3			65,000,000	55,848,138		41,845.84		(41,846)	21,903	21,903
9/15/2008	Q3		(20,000,000)	45,000,000	55,828,196	243,199.31			(20,243,199)	29,196	(214,004)
9/25/2008	Q3			45,000,000	35,614,192		7,525.25		(7,525)	46,580	46,580
9/29/2008	Q3			45,000,000	35,653,247		98,058.08		(98,058)	18,645	18,645
9/30/2008	Q3	24,995,000		45,000,000	35,573,834		18,136.90	235,520.83	(253,658)	4,650	4,650
10/2/2008	Q4		20,000,000	65,000,000	35,324,826			78,506.96	19,921,493	9,235	9,235
10/17/2008	Q4			65,000,000	55,255,554		2,030.03		(2,030)	108,439	108,439
10/29/2008	Q4			65,000,000	55,361,963		266.90		(267)	86,901	86,901
11/19/2008	Q4			65,000,000	55,448,597		96,048.71		(96,049)	152,404	152,404
11/21/2008	Q4			65,000,000	55,504,952		730.00		(730)	14,511	14,511

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

TAILCo anticipates its financing will be a 7 year loan, where by TAILCo pays Origination Fees of 55.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortae the Origination Fees and Commitments Fees using the standard Internal Rate of Return formals below. Each year, TAILCo will not up the amounts withdrawn, the Interest paid in the year, Originatori Fees, and total tooar amount on this attachment.



Origination Fees		
Addition Fees Addition Origination Fees		7,780,954 15,125
Total Issuance Expense		7,796,079
Revolving Credit Commitment Fee	New Borrowing 0.005	Old Borrowing 0.0050

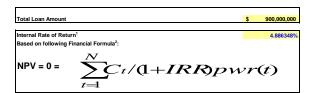
Revolving Credit Commitment Fee

0.0050 0.0037 After borrowing is at the midpoint (\$275,000)

	12/15/2008	Q4		25,000,000	90,000,000	55,518,734	718,999.31			24,281,001	174,431	(544,569)
(1)		Q1	42,068,000			79,974,165	,		610 222 52	(618,334)		230,297
(1)	1/6/2009		42,068,000	-	90,000,000	79,974,105	-		618,333.53	(010,334)	230,297	230,297
	2/17/2009	Q1		30,000,000	120,000,000	79,586,128	-		-	30,000,000	438,097	438,097
	3/16/2009	Q1	75,475,000	40,000,000	160,000,000	110,024,225	933,987.50			39,066,013	388,964	(545,023)
			13,413,000	40,000,000			333,307.30		1 100 000 00			
	3/25/2009	Q1		-	160,000,000	149,479,202			1,100,000.00	(1,100,000)	175,942	175,942
	4/8/2009	Q2		-	160,000,000	148,555,144			549,166.67	(549,167)	272,085	272,085
	5/15/2009	Q2		50,000,000	210,000,000	148,278,062			,	50,000,000	718.820	718.820
		92										
	6/16/2009	Q2		40,000,000	250,000,000	198,996,882	1,405,039.11			38,594,961	834,057	(570,982)
	6/30/2009	Q2			250,000,000	238,425,899				-	436,686	436,686
	7/31/2009	Q3			250,000,000	238,862,586			453,194.44	(453, 194)	969,797	969,797
				-					453,194.44			
	8/3/2009	Q3		30,000,000	280,000,000	239,379,188				30,000,000	93,882	93,882
	9/4/2009	Q3		50,000,000	330,000,000	269,473,071				50,000,000	1,129,444	1,129,444
		45		30,000,000								1,123,444
	9/16/2009	Q3			330,000,000	320,602,515	1,596,826.11			(1,596,826)	503,245	(1,093,581)
	10/5/2009	Q4		45,000,000	375,000,000	319,508,934	207,916.06			44,792,084	794,450	586,534
	10/16/2009	Q4			375,000,000	365,095,468			321,250.00	(321,250)	525,294	525,294
		04							321,230.00			
	11/5/2009	Q4		30,000,000	405,000,000	365,299,512	-			30,000,000	956,176	956,176
	12/4/2009	Q4		50,000,000	455,000,000	396,255,688				50,000,000	1,504,831	1,504,831
				00,000,000								
	12/16/2009	Q4	73,715,000	-	455,000,000	447,760,519	1,374,479.16			(1,374,479)	702,843	(671,636)
	1/4/2010	Q1			455,000,000	447,088,883			138,489.58	(138,490)	1,111,675	1,111,675
	1/5/2010	Q1		30,000,000	485,000,000	448,062,068	892.331.11			29,107,669	58,568	(833,764)
				00,000,000								
	1/15/2010	Q1		-	485,000,000	477,228,304	440,625.00			(440,625)	624,167	183,542
	1/25/2010	Q1		(485,000,000)	-	477,411,847	423,000.00		18,489.58	(485,441,490)	624,407	201,407
	1/25/2010	Q1		450,000,000	450,000,000	(7,405,236)		4,533,000.00		445,467,000		
											_	_
	1/25/2010	Q1		45,000,000	495,000,000	438,061,764		5,852,578.67		39,147,421	-	-
	1/27/2010	Q1 Q1			495,000,000	477,209,186		6,979.59		(6,980)	124,763	124,763
	2/3/2010	Q1			495,000,000	477,326,969		58,000.00		(58,000)	436,922	436,922
	2/3/2010	Q1			495,000,000	477,705,891		5,500.00		(5,500)		
						411,105,691					-	
	2/5/2010	Q1			495,000,000	477,700,391		82,116.73	2,934.74	(85,051)	124,892	124,892
	2/12/2010	Q1		20,000,000	515,000,000	477,740,231				20,000,000	437,300	437,300
	2/24/2010	Q1			515,000,000	498,177,531		23,770.00		(23,770)	781,982	781,982
					515,000,000							
	3/10/2010	Q1		30,000,000	545,000,000	498,935,743		90,000.00		29,910,000	913,821	913,821
	3/17/2010	Q1		-	545,000,000	529,759,564		195,720.20		(195,720)	484,916	484,916
				20,000,000								
	3/26/2010	Q1		20,000,000	565,000,000	530,048,759		17,821.04		19,982,179	623,885	623,885
	4/1/2010	Q2			565,000,000	550,654,823			255,416.67	(255,417)	432,008	432,008
	4/5/2010	Q2			565,000,000	550,831,415		123,660.90		(123,661)	288,060	288,060
	4/3/2010	92			505,000,000	550,005,014		120,000.00			200,000	200,000
	4/7/2010	Q2			565,000,000	550,995,814		201,250.00		(201,250)	144,054	144,054
	4/8/2010	Q2			565,000,000	550,938,618		224,587.75		(224,588)	72,015	72,015
	4/12/2010	Q1		30,000,000	595,000,000	550,786,045				30,000,000	288,036	288,036
		QI		30,000,000								
	4/14/2010	Q2			595,000,000	581,074,082		194,134.74		(194,135)	151,918	151,918
	4/21/2010	Q2			595,000,000	581,031,865		18,977.41		(18,977)	531,848	531.848
				(05 000 000)			369.573.75	10,011111				
	4/26/2010	Q2		(65,000,000)	530,000,000	581,544,735				(65,369,574)	380,177	10,603
	4/26/2010	Q2		65,000,000	595,000,000	516,555,339	55,920.56			64,944,079	-	(55,921)
	4/28/2010	Q2			595,000,000	581,499,418		2,300.79		(2.301)	152,029	152,029
	4/30/2010	Q2			595,000,000	581,649,147		2,156.70		(2,157)	152,068	152,068
	5/7/2010	Q2		30,000,000	625,000,000	581,799,058				30,000,000	532,550	532,550
	5/12/2010	Q2		(80,000,000)	545,000,000	612,331,608				(80,000,000)	400,304	400,304
				(80,000,000)							400,304	
	5/12/2010	Q2		80,000,000	625,000,000	532,731,912	160,694.44			79,839,306	-	(160,694)
	5/12/2010	Q2			625,000,000	612,571,218	81,275.00			(81,275)	-	(81,275)
	5/12/2010	Q2			625,000,000	612,489,943	170,100.00			(170,100)		(170,100)
		Q2					170,100.00					
	5/20/2010	Q2			625,000,000	612,319,843		182,500.00		(182,500)	640,599	640,599
	5/26/2010	Q2		20,000,000	645,000,000	612,777,942				20,000,000	480,746	480,746
	6/14/2010	Q2		20,000,000	645,000,000	633,258,687		450 074 50		(150,072)	1,574,581	1,574,581
								150,071.58				
	7/1/2010	Q3			645,000,000	634,683,197			230,764	(230,764)	1,411,820	1,411,820
	7/2/2010	Q3			645,000,000	635,864,253		1,168.50		(1,169)	83,116	83,116
				05 000 000				1,100.00				
	7/7/2010	Q3		35,000,000	680,000,000	635,946,200				35,000,000	415,741	415,741
	7/15/2010	Q3			680,000,000	671,361,942	8,500,000.00			(8,500,000)	702.368	(7,797,632)
	7/26/2010	Q3		(65,000,000)	615,000,000	663,564,309				(65,000,000)	954,726	954,726
	7/20/2010	43		(05,000,000)							554,720	554,720
	7/26/2010	Q3		(20,000,000)	595,000,000	599,519,036				(20,000,000)	-	-
	7/26/2010	Q3		115,000,000	710,000,000	579,519,036				115,000,000	-	-
	7/26/2010	Q3		.,,	710,000,000	694,519,036	115,798.33			(115,798)		(115,798)
	7/20/2010	45			710,000,000	034,319,030	113,790.33			(115,798)	-	(115,798)
	7/26/2010	Q2			710,000,000	694,403,237	544,837.22		-	(544,837)	-	(544,837)
	8/9/2010	Q3		(35,000,000)	675,000,000	693,858,400	107,415.00			(35,107,415)	1,270,829	1,163,414
	8/9/2010	Q3		35,000,000	710,000,000	660,021,814				35,000,000	, .,	
	8/12/2010	Q3		(30,000,000)	680,000,000	695,021,814	271,680.83			(30,271,681)	272,581	900
	8/12/2010	Q3		(80,000,000)	600,000,000	665,022,714	699,608.89			(80,699,609)	-	(699,609)
	8/12/2010	Q3		110,000,000	710,000,000	584,323,106	,			110,000,000		()
	0/12/2010	45		110,000,000	710,000,000							
	8/30/2010	Q3			710,000,000	694,323,106		407,816.09		(407,816)	1,635,445	1,635,445
	9/7/2010	Q3		30,000,000	740,000,000	695,550,735				30,000,000	727,674	727,674
		Q3			740,000,000					22,000,000		
	9/26/2010			-	740,000,000	726,278,408	-			-	1,805,872	1,805,872
	10/1/2010	Q4			740,000,000	728,084,280			162,778	(162,778)	475,975	475,975
	10/8/2010	Q4		30,000,000	770,000,000	728,397,478				30,000,000	666,739	666,739
							4 000 000 00					
	10/26/2010	Q4		(115,000,000)	655,000,000	759,064,217	1,028,023.33			(116,028,023)	1,787,940	759,916
	10/26/2010	Q4		115,000,000	770,000,000	644,824,133	-			115,000,000	-	-
	11/5/2010	Q4		30,000,000	800,000,000	759,824,133				30,000,000	993,774	993,774
	11/3/2010				000,000,000					30,000,000		555,774
	11/9/2010	Q4		(35,000,000)	765,000,000	790,817,908	305,721.11			(35,305,721)	413,562	107,841
	11/9/2010	Q4		(30,000,000)	735,000,000	755,925,749	171,937,50			(30,171,938)		(171,938)
				(20,000,000)	705,000,000					(20,000,000)	-	
	11/9/2010	Q4		(30,000,000)	705,000,000	725,753,811	86,853.33			(30,086,853)	-	(86,853)
	11/9/2010	Q4		95,000,000	800,000,000	695,666,958				95,000,000		
		Q4 Q4					955,215.56				310,092	(645,123)
	11/12/2010			(110,000,000)	690,000,000	790,666,958				(110,955,216)	310,092	
	11/12/2010	Q4		(30,000,000)	660,000,000	680,021,835	18,946.67			(30,018,947)	-	(18,947)
	11/12/2010	Q4				650,002,888	5.83			139,999,994		
				140,000,000	800,000,000		5.63					(6)
	12/6/2010	Q4		20,000,000	820,000,000	790,002,882				20,000,000	2,482,059	2,482,059
	12/23/2010	Q4			820,000,000	812,484,941		8,281.46		(8,281)	1,807,331	1,807,331
								0,201.40				
	1/3/2011	Q1			820,000,000	814,283,991			140,277.78	(140,278)	1,171,579	1,171,579
	1/18/2011	Q1		_	820,000,000	815,315,292	9.000.000			(9,000,000)	1,600,050	(7,399,950)
	1/26/2011	Q1		(115,000,000)	705,000,000	807,915,342	966,600.56			(115,966,601)	845,228	(121,373)
	1/26/2011	Q1		115,000,000	820,000,000	692,793,969				115,000,000		
	2/0/2011	Q1		(20,000,000)	800,000,000	907 702 000	119 552 79			(20,119,552)	1 470 507	1 260 054
	2/9/2011	QT		(20,000,000)	800,000,000	807,793,969	118,552.78			(20,118,553)	1,479,507	1,360,954

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

TAILCo anticipates its financing will be a 7 year loan, where by TAILCo pays Origination Fees of 55.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortae the Origination Fees and Commitments Fees using the standard Internal Rate of Return formals below. Each year, TAILCo will not up the amounts withdrawn, the Interest paid in the year, Originatori Fees, and total tooar amount on this attachment.



Origination Fees Origination Fees		7,780,954
Addition Origination Fees		15,125
Total Issuance Expense	_	7,796,079
	New Borrowing	Old Borrowing
Revolving Credit Commitment Fee	0.005	0.0050

Revolving Credit Commitment Pee 0.000 0.000 After borrowing is at the midpoint (\$275.000) After borrowing is at the midpoint (\$275.000)

2/9/2011	Q1	(95,000,000)	705,000,000	789,154,923	797,767.78			(95,797,768)		(707 769)
					191,767.78				-	(797,768)
2/9/2011 2/14/2011	Q1	115,000,000	820,000,000	693,357,156	1 001 015 50			115,000,000 (141,201,216)	-	(070 700)
	Q1	(140,000,000)	680,000,000	808,357,156	1,201,215.56				528,453	(672,763)
2/14/2011	Q1	140,000,000	820,000,000	667,684,393				140,000,000	-	
2/16/2011	Q1		820,000,000	807,684,393		3,098.63		(3,099)	211,164	211,164
4/1/2011	Q2		820,000,000	807,892,458			97,777.78	(97,778)	4,659,577	4,659,577
4/14/2011	Q2	10,000,000	830,000,000	812,454,257			-	10,000,000	1,381,663	1,381,663
4/26/2011	Q2	(115,000,000)	715,000,000	823,835,920	949,900.00			(115,949,900)	1,293,164	343,264
4/26/2011	Q2	115,000,000	830,000,000	709,179,184	· · · · · · · · ·			115,000,000		-
5/9/2011	Q2	(115,000,000)	715,000,000	824,179,184	941,620.00			(115,941,620)	1,401,603	459,983
5/9/2011	Q2	(140,000,000)	575,000,000	709,639,166	1,081,920.00			(141,081,920)	-	(1,081,920)
5/9/2011	Q2	(10,000,000)	565,000,000	568,557,246	22,375.00			(10,022,375)	-	(22,375)
5/9/2011	Q2	235,000,000	800,000,000	558,534,871	-			235,000,000	-	-
5/16/2011	Q2	(235,000,000)	565,000,000	793,534,871	145,034.17			(235,145,034)	726,363	581,329
5/16/2011	Q2	235,000,000	800,000,000	559,116,200	-			235,000,000	-	-
5/23/2011	Q2	(235,000,000)	565,000,000	794,116,200	144,805.69			(235,144,806)	726,895	582,089
5/23/2011	Q2	50,000,000	615,000,000	559,698,289				50,000,000	-	-
5/26/2011	Q2	(115,000,000)	500,000,000	609,698,289	307,912.50	233,657		(115,541,569)	239,118	(68,795)
6/23/2011	Q2	(50,000,000)	450,000,000	494,395,838	88,994.45		-	(50,088,994)	1,812,670	1,723,675
6/23/2011	Q2	20,000,000	470,000,000	446,119,513			-	20,000,000	-	-
7/6/2011	Q3		470,000,000	466,119,513			171,736.11	(171,736)	792,685	792,685
7/15/2011	Q3		470,000,000	466,740,462	9,000,000			(9,000,000)	549,369	(8,450,631)
7/25/2011	Q3	(20,000,000)	450,000,000	458,289,831	34,417.78		-	(20,034,418)	599,398	564,980
10/18/2011	Q4		450,000,000	438,854,811			290,416.67	(290,417)	4,902,813	4,902,813
1/17/2012	Q1		450,000,000	443,467,207	9,000,000			(9,000,000)	5,306,145	(3,693,855)
3/2/2012	Q1		450,000,000	439,773,352		3,070.00		(3,070)	2,594,240	2,594,240
7/15/2012	Q3		450,000,000	442,364,522	9,000,000			(9,000,000)	7,874,847	(1,125,153)
1/15/2013	Q1		450,000,000	441,239,369	9,000,000			(9,000,000)	10,740,283	1,740,283
7/15/2013	Q3		450,000,000	442,979,652	9,000,000			(9,000,000)	10,604,752	1,604,752
1/15/2014	Q1		450,000,000	444,584,404	9,000,000			(9,000,000)	10,821,705	1,821,705
7/15/2014	Q3		450,000,000	446,406,108	9,000,000			(9,000,000)	10,686,780	1,686,780
1/15/2015	Q1	(450,000,000)	-	448,092,888	9,000,000			(459,000,000)	10,907,105	1,907,105
		(,,		,,,,	-,,			(,,,	-	-

Commitment fees for 4th quarter 2008

ATTACHMENT 2 Annual Transmission Revenue Requirements For 2019 Rate Year

ATTACHMENT H-18A

rar	ns-Allegheny Interstate Line Company			
	nula Rate Appendix A	Notes	FERC Form 1 Page # or Instruction	TrAILCo
ha	ded cells are input cells			2019 Forecast
oca	tors			
1	Wages & Salary Allocation Factor Transmission Wages Expense		p354.21.b	
2	Total Wages Expense		p354.28.b	
3 4	Less A&G Wages Expense Total Wages Less A&G Wages Expense		p354.27.b (Line 2 - Line 3)	
5	Wages & Salary Allocator		(Line 1 / Line 4), if line 2 = 0, then 100%	100.0000
_	Plant Allocation Factors			
6 7	Electric Plant in Service Total Plant In Service	(Note B)	Attachment 5 (Line 6)	2,161,955,1 2,161,955,1
8	Accumulated Depreciation (Total Electric Plant)		Attachment 5	280,417,3
9	Total Accumulated Depreciation		(Line 8)	280,417,3
10	Net Plant		(Line 7 - Line 9)	1,881,537,8
11	Transmission Gross Plant		(Line 15 + Line 21)	2,161,955,1
12	Gross Plant Allocator		(Line 11 / Line 7, if Line 7=0, enter 100%)	100.0000
13 14	Transmission Net Plant Net Plant Allocator		(Line 11 - Line 29) (Line 13 / Line 10, if line 10=0, enter 100%)	1,881,537,8 100.000
	Calculations			
	Transmission Plant			
15	Transmission Plant In Service	(Note B)	Attachment 5	2,064,865,5
16 17	New Trans. Plant Adds. for Current Calendar Year (13 average balance) Total Transmission Plant	(Note B)	Attachment 6 (Line 15 + Line 16)	10,253,9 2,075,119,4
18	General & Intangible		Attachment 5	97,089,6
19 20	Total General & Intangible Wage & Salary Allocator		(Line 18) (Line 5)	97,089,6 100.0000
21	Transmission Related General and Intangible Plant		(Line 19 * Line 20)	97,089,6
22	Transmission Related Plant		(Line 17 + Line 21)	2,172,209,0
	Accumulated Depreciation			
23	Transmission Accumulated Depreciation	(Note B)	Attachment 5	256,283,7
24 25	Accumulated General Depreciation		Attachment 5	9,882,7
25 26	Accumulated Intangible Amortization Total Accumulated General and Intangible Depreciation		Attachment 5 (Sum Lines 24 to 25)	<u>14,250,8</u> 24,133,5
27	Wage & Salary Allocator		(Line 5)	100.000
28	Transmission Related General & Intangible Accumulated Depreciation		(Line 26 * Line 27)	24,133,5
29	Total Transmission Related Accumulated Depreciation		(Line 23 + Line 28)	280,417,3
	Total Transmission Related Net Property, Plant & Equipment			

Adjustment To Rate Base

31	ADIT net of FASB 106 and 109 Enter Negative		Attachment 1	-402,480,390
32	Transmission Related Accumulated Deferred Income Taxes		(Line 31)	-402,480,39
33	Transmission Related CWIP (Current Year 13 Month weighted average balances)	(Note B)	p216.b.43 as shown on Attachment 6	
4	Transmission Related Land Held for Future Use	(Note C)	Attachment 5	
	Transmission Related Pre-Commercial Costs Capitalized			
5	Unamortized Capitalized Pre-Commercial Costs		Attachment 5	
	Prepayments			
6	Transmission Related Prepayments	(Note A)	Attachment 5	119,36
	Materials and Supplies			
7	Undistributed Stores Expense	(Note A)	Attachment 5	100.0000
8 9	Wage & Salary Allocator Total Undistributed Stores Expense Allocated to Transmission		(Line 5) (Line 37 * Line 38)	100.00009
9	Transmission Materials & Supplies		Attachment 5	
1	Transmission Related Materials & Supplies		(Line 39 + Line 40)	
	Cash Working Capital			
2	Operation & Maintenance Expense		(Line 74)	10,166,29
3	1/8th Rule		1/8	12.5%
4	Transmission Related Cash Working Capital		(Line 42 * Line 43)	1,270,78
5	Total Adjustment to Rate Base		(Lines 32 + 33 + 34 + 35+ 36 + 41 + 44)	-401,090,24
6	Rate Base		(Line 30 + Line 45)	1,490,701,52

74	Total Transmission O&M		(Lines 52 + 61 + 64 + 69 + 73)	10,166,293
73	Total Account 566		Sum (Lines 70 to 72)	1,202,319
72	Miscellaneous Transmission Expense	Account 566	Attachment 5	1,202,31
71	Pre-Commercial Expense	Account 566	Attachment 5	(
70	Amortization Expense on Pre-Commercial Cost	Account 566	Attachment 5	(
	Account 566 Miscellaneous Transmission Expense			
69	A&G Directly Assigned to Transmission		(Line 67 * Line 68)	32,952
68	Net Plant Allocator		(Line 14)	100.0000%
67	Total Accounts 928 and 930.1 - General		(Line 65 + Line 66)	32,952
66	General Advertising Exp Account 930.1	(Note F)	Attachment 5	
65	Property Insurance Account 924		p323.185.b	32,953
64	Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 62 + Line 63)	
63	General Advertising Exp Account 930.1	(Note J)	Attachment 5	(
62	Regulatory Commission Exp Account 928	(Note G)	Attachment 5	(
Di	irectly Assigned A&G			
61	Transmission Related A&G Expenses		(Line 59 * Line 60)	728,68
60	Wage & Salary Allocator		(Line 5)	100.0000%
59	A&G Expenses		(Line 53) - Sum (Lines 54 to 58)	728,683
58	Less EPRI Dues	(Note D)	p352 & 353	(
57	Less PBOP Adjustment		Attachment 5	
56	Less General Advertising Exp Account 930.1	(p323.191.b	
55	Less Regulatory Commission Exp Account 928	(Note E)	p323.189.b	02,001
54	Less Property Insurance Account 924		p323.185.b	32,952
53 AZ	&G Expenses Total A&G		p323.197.b	761,635
				0,202,000
52	Transmission Q&M		(Lines 47 - 48 - 49 + 50 + 51)	8,202,339
50 51	Plus Property Under Capital Leases	(Note W)	p200.4.c	
49 50	Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note M)	PJM Data	
	Less Account 565		p321.96.b	1,202,31
40 49	Less Account 566 Misc Trans Exp listed on line 73 below.)		p321.112.b (line 73)	9,404,65 1,202,31
47 48 40	Transmission O&M			

07					
				(Sum Lines 104 to 106)	0.08
06		Common Stock		(Line 100 * Line 103)	0.00
04 05		Total Long Term Debt (WCLTD) Preferred Stock		(Line 98 * Line 101) (Line 99 * Line 102)	0.01 0.00
~ 4		Tetel Loss Terrs Date (MOLTO)		(Line 00 * Line 404)	
03	Common Cost	Common Stock	(Note I)	The most recent FERC approved ROE	0.11
02		Preferred Stock		(Line 84 / Line 95)	0.00
01	Debt Cost	Total Long Term Debt			0.03
00	Common %	Common Stock	(Note N)	(Line 96 /Line 97)	59.995
99	Preferred %	Preferred Stock	(Note N)	(Line 95 /Line 97)	0.000
98	Debt %	Total Long Term Debt	(Note N)	(Line 94 /Line 97)	40.004
,,				(oum lines set to so)	1,501,071,
96 97	Common Stock Total Capitalization			(Line 89) (Sum Lines 94 to 96)	<u>936,927,</u> 1,561,671,
95	Preferred Stock			p112.3.c	000 007
94	Total Long Term Debt			(Line 90 - 91 + 92 - 93)	624,743,
93	Less ADIT associated with Gain or Loss			Attachment 1	
92	Plus Unamortized Gain on Reacquired Debt			p113.61.c	
91	Less Unamortized Loss on Reacquired Debt		· · · · · /	p111.81.c	
90	Long Term Debt		(Note N)		624,743,
	Capitalization				
39	Common Stock			(Line 85 - 86 - 87 - 88)	936,927,
88	Less Account 216.1			p112.12.c	
87	Less Preferred Stock			(Line 95)	
36	Less Accumulated Other Comprehensive Incon	e Account 219		p112.15.c	
35	Proprietary Capital			p112.16.c	936,927,6
	Common Stock				
34	Preferred Dividends		enter positive	p118.29.c	
tur	n / Capitalization Calculations				
33	Total Taxes Other than Income			(Line 82)	13,279
32	Transmission Related Taxes Other than Income			Attachment 2	13,279,
xes	s Other than Income				
31	Total Transmission Depreciation & Amortization			(Lines 75 + 80)	47,544,
80	Transmission Related General Depreciation an	d Intangible Amortization		(Line 78 * Line 79)	3,747,
'9	Wage & Salary Allocator			(Line 5)	100.000
8	Total		(NOLE A)	(Line 76 + Line 77)	3,747,
76 77	General Depreciation Intangible Amortization		(Note A)	Attachment 5 Attachment 5	1,949, 1,798.
					,,
′5	Transmission Depreciation Expense			Attachment 5	43,796,

clotion & Amo

tization Ev

11 Income Tax Component = CIF = (7/1-7)* Investment Return * (1-WCLTDR)); [Line 113* Line 108* (1- (Line 104 / Line 107)]; 38,748,515 111 Taxal Balancents Taxas: (Line 113) 38,748,515 NUMBER (Line 130) 38,748,515 NUMBER (Line 130) 38,748,515 NUMBER (Line 30) (107,77,77) Number (Line 30) (107,77,77) Number Status (Line 30) (107,77,77) Number Status (Line 30) (137,77,77) Number Status (Line 310) (137,77,77) Number Status (Line 115) (137,77,77) Number Status (Line 112) (237,77,77,77) Number Status (Line 123) (237,77,77,77) Number Status (Line 130 - Line 130) (237,77,77,77) Num Status (Line 132) (Comp	osite Income Taxes			
Image: Second Tax Rate or Composite Tax - IIIC: Static From Tax Rate or Composite Tax - IIIC: Static From Tax Code Tax - IIIIC: Static From Tax Code Tax - IIIC: Static From Tax - IIIIC: Static From Tax - IIIIC: Static From Tax - IIIIC: Static From Tax - IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					
Image: Descent of decal shores its calculate for state support of Siller Tax Code 0.000 Image: Descent of the shore its calculate for state support of Siller Tax Code 0.000 Image: Descent of the shore its calculate for state support of Siller Tax Code 0.000 Image: Descent of the shore its calculate for state support of Siller Tax Code 0.000 Image: Descent of the shore its calculate for state support of Siller Tax Code 0.000 Image: Descent of the shore its calculate for state support of the shore its calculate for shore support of the shore its calculate for shore			(Note H)		
int int Tet-l(1: - SIT) * (1 - SIT) * (1 - SIT) = [] 22.03% 14 Income Tax Component = OTL-(71-7) * Investment Return * (1-(VCLTDR)) = [] [] [] [] [] [] [] [] [] [] [] [] [] [•	(percent of federal income tay deductible for state put	rou Dar Stata Tay Cada	
13 Tr(-T) Control 20238 14 Income Tax Component = CIT=(7/1-T) * Investment Return * (*-(VCLTDR)) = [Like 113' Line 108' (*-(Line 104 / Line 107)]) 38,746,515 15 Teal Econe Taxe Like 30 1.5 1.6				rpc Per State Tax Code	
International Participation (Line 114) 32,746,515 Standard Summary International Part & Equipment International Part Part Part Part Part Part Part Part					37.03%
Burnary Immary Immary Immary Image 10 Nat Popury, Plant & Equipment (Line 30) 1.891.791.771 11 Total Transmission Oblight (Line 40) 1.691.791.771 11 Total Transmission Oblight (Line 40) 1.691.791.771 12 Total Transmission Oblight (Line 74) 10.1652.391 12 Total Transmission Oblight (Line 74) 10.1652.391 12 Total Transmission Oblight (Line 81) 12.275.911 12 Total Transmission Oblight (Line 81) 12.275.911.601 12 Total Transmission Deparation Altonome (Line 83) 12.275.911.601 12 Totas Construct Requirement (Line 12) 2.172.299.711.601 12 Transmission Facilities (Line 12) 2.172.999.711.601 13 Research Cradits (Line 12) 2.172.999.711.601 14 Research Cradits (Line 12) 2.172.999.711.601 15 Mark Mark Ball Ball Science (Line 12) 2.172.999.711.601 16 Transmission Facilitis	114	Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	[Line 113 * Line 108 * (1- (Line 104 / Line 107))]	38,746,515
Summy in Tarkatement Park Explorent Tarkatement Park Tarkatement Park Tarkatement Park Explorent Tarkatement Park Explorent Tarkateme	115	Total Income Taxes		(Line 114)	38,746,515
116 Num Progeny, Paint & Equipment (Line 40) 1,80,73,77,7 117 Task distance is failed based (Line 46) 1,40,80,20 118 Task Base (Line 46) 1,40,80,20 119 Total Transmission OAM (Line 46) 40,80,20 120 Total Transmission OAM (Line 48) 47,544,118 121 Total Transmission OAM (Line 48) 47,544,118 123 Income Taxes (Line 110) 38,746,515 124 Gross Revenue Requirement Statistical Stati	REVE				
116 Num Progeny, Paint & Equipment (Line 40) 1,80,73,77,7 117 Task distance is failed based (Line 46) 1,40,80,20 118 Task Base (Line 46) 1,40,80,20 119 Total Transmission OAM (Line 46) 40,80,20 120 Total Transmission OAM (Line 48) 47,544,118 121 Total Transmission OAM (Line 48) 47,544,118 123 Income Taxes (Line 110) 38,746,515 124 Gross Revenue Requirement Statistical Stati		Summary			
118 Rate Base (Line 40) 1,400,701,524 119 Totall Transmission Depresation & Amotization (Line 74) 10,754,411 117 Totall Transmission Depresation & Amotization (Line 83) 13,729,452 12 Transmission Depresation & Amotization (Line 105) 128,753,730 120 Investment Return (Line 105) 227,871,601 121 Gross Revenue Requirement (Line 120) 227,871,601 123 Investment Return (Line 120) 217,220,07 124 Gross Revenue Requirement (Line 120) 217,220,07 125 Transmission Facilities (Line 120) 217,220,07 126 Excluded Transmission Facilities (Line 120) 217,220,07 127 Inclusion Ration (Line 120) 227,871,601 128 Revenue Requirement (Line 120) 237,871,601 129 Revenue Requirement (Line 120) 237,871,601 120 NER Revenue Requirement (Line 120) 237,871,601 121 Revenue Requirement (Line 120) 236,463,421 128 Revenue Requirement		Net Property, Plant & Equipment			1,891,791,771
19 Total Transmission OAM Line 24 10.166.233 121 Total Transmission OAM Line 31 47.54.11 121 Total Transmission OAM Line 31 47.54.11 121 Total Transmission OAM Line 30 47.54.11 123 Income Taxes Line 100 126.13.51.33 124 Gross Revenue Requirement Associated with Excluded Transmission Facilities 27.677.607 125 Transmission Plant In Service Line 120 2.172.209.077 126 Excluded Transmission Plant In Service Line 120 2.172.209.077 127 Industriant Content Requirements Associated with Excluded Transmission Facilities Line 120 2.172.209.077 126 Excluded Transmission Facilities Line 120 2.172.209.077 128 Inclusion Ratio Line 120 2.27.871.607 129 Gross Revenue Requirement Line 120 2.27.871.607 129 Gross Revenue Requirement Line 120 2.27.871.607 129 Revenue Credits Attachment 3 1.438.469 120 Revenue Requirement Line 120 2.26.458.142 139					-401,090,246
101 Total Transmission Depreciation & Amoritzation (Line 31) 47,54,118 121 Tusse Other than income (Line 33) 1,3279,545 122 Investment Return (Line 10) 128,155,100 124 Gross Revenue Requirement (Sum Lines 119 to 123) 237,871,601 Adjustment to Renord Revenue Requirements Associated with Excluded Transmission Facilities Transmission Plant In Service (Line 22) 2,172,200,071 125 Excluded Transmission Facilities (Line 12) 2,172,200,071 126 Included Transmission Facilities (Line 12) 2,172,200,071 127 Included Transmission Facilities (Line 12) 2,172,200,071 128 Included Transmission Facilities (Line 12) 2,21,72,00,071 129 Included Transmission Facilities (Line 12) 2,21,72,00,071 129 Included Transmission Facilities (Line 12) 2,21,72,00,071 120 Adjusted Gross Revenue Requirement (Line 12) 2,23,871,601 120 Adjusted Gross Revenue Requirement (Line 13) 2,25,451,42 121 Net Revenue Requirement (Line 132) 2,25,45	118	Rate Base		(Line 46)	1,490,701,524
121 Taxes Other than income (Line 83) 13278-45 123 Income Taxes (Line 108) 1223.15.130 124 Gross Revenue Requirement (Line 108) 122.78.71.601 Adjustment to Renove Revenue Requirements Associated with Excluded Transmission Facilities (Line 120) 237.871.601 Adjustment to Renove Revenue Requirements (Line 120) 2.172.209.071 125 Transmission Facilities (Line 120) 2.172.209.071 126 Excluded Transmission Facilities (Line 120) 2.172.209.071 127 Inclusion Ratio (Line 124) 2.172.209.071 128 Gross Revenue Requirement (Line 124) 2.172.209.071 129 Inclusion Ratio (Line 124) 2.37.877.601 130 Adjusted Gross Revenue Requirement (Line 132) 2.37.877.601 131 Revenue Credits Attachment 3 1.435.458 132 Net Revenue Requirement (Line 132) 2.36.436,412 133 Net Revenue Greditis (Line 132) 1.818.835,623 134 Net Revenue Greditis (Line 132) 1.818.835,623 135 F	119				10,166,293
122 Investment Return (Line 108) 1221.155,030 123 Income Faxes (Line 108) 337.465.15 124 Gross Revenue Requirement (Line 108) 237.871,601 Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities (Line 22) 2.172.200.071 125 Transmission Facilities (Line 22) 2.172.200.071 126 Excluded Transmisson Facilities (Line 124) 0 127 Included Transmission Facilities (Line 125) 100.00% 128 Gross Revenue Requirement (Line 124) 237.871.601 129 Gross Revenue Requirement (Line 124) 237.871.601 120 Adjusted Gross Revenue Requirement (Line 124) 23.7871.601 121 Revenue Credits Attachment 3 1.435.459 123 Net Revenue Requirement (Line 120) 236.436,142 124 Net Revenue Requirement (Line 120) 1.881.835.62 123 Net Revenue Requirement (Line 130) 1.483.459 124 Net Revenue Requirement (Line 131) 1.485.459 124 Net					47,544,118
123 Income Taxes (Line 115) 38,746,515 124 Gross Revenue Requirement (Sum Lines 119 to 123) 237,871,601 24 Gross Revenue Requirements Associated with Excluded Transmission Facilities (Line 22) 2,172,209,071 125 Transmission Plant Is Service (Line 12) 2,172,209,071 126 Excluded Transmission Facilities (Line 12) 2,172,209,071 128 Inclusion Ratio (Line 12) 2,172,209,071 129 Gross Revenue Requirement (Line 12) 1,000,000 129 Gross Revenue Requirement (Line 124) 237,871,601 120 Revenue Requirement (Line 124) 237,871,601 121 Revenue Requirement (Line 130 - Line 126) 237,871,601 123 Net Revenue Requirement (Line 130 - Line 131) 236,436,142 124 Revenue Requirement (Line 130 - Line 131) 236,436,142 124 Net Revenue Requirement (Line 130 - Line 71) 236,436,142 124 Net Revenue Requirement (Line 131 - Line 72) 1,818,835,620					
124 Gross Revenue Requirement (Sum Lines 119 to 123) 237,871,601 Adjustment to Remove Requirements Associated with Excluded Transmission Facilities (Ine 22) 2,172,209,071 125 Transmission Facilities (Ine 22) 2,172,209,071 126 Excluded Transmission Facilities (Ine 125, Une 126) 2,172,209,071 127 Included Transmission Facilities (Une 127, Une 128) 1000000 129 Gross Revenue Requirement (Une 127, Une 128) 1000000 130 Adjusted Gross Revenue Requirement (Une 128, Une 128) 237,871,601 131 Revenue Credits Attachment 3 1,458,459 132 Net Revenue Requirement (Line 132) 236,436,142 133 Net Revenue Requirement (Line 132) 1,286,436,142 134 Net Revenue Requirement (Line 132) 1,286,436,142 135 FOR (Ine 133, Une 134) 1,286,436,142 136 POR without Depreciation Plant + CWIP (Line 132, Line 134) 1,286,436,142 136 FOR without Depreciation APR-Commarcial Costs (Line 132, Line 134) <td></td> <td></td> <td></td> <td></td> <td></td>					
Adjustment to Renove Requirements Associated with Excluded Transmission Facilities (Line 22) 2.172.209.071 125 Transmission Facilities (Line 125) 2.172.209.071 126 Excluded Transmission Facilities (Line 127) 2.172.209.071 127 Inclusion Ratio (Line 127) 2.172.209.071 128 Inclusion Ratio (Line 127) 2.172.209.071 129 Gross Revenue Requirement (Line 127) 2.37.871.601 130 Adjusted Gross Revenue Requirement (Line 128) 2.37.871.601 131 Revenue Credits Attachment 3 1.435.459 132 Net Revenue Requirement (Line 123) 2.36,436,142 133 Net Transmission Plant + CWIP (Line 132) 1.26,436,142 144 Net Transmission Plant + CWIP 1.16 133 1.285,459 135 FOR Line 132 1.26,436,142 136 FOR without Depreciation and Pre-Commercial Costs Line 132, Line 134 1.88,856,29 137 FOR without Depreciation and Pre-Commercial Costs Line 133, Line 75 - Line 130, Line 134 1.28,914					
125 Transmission Paul in Service (Line 22) 2,172.209,071 126 Excluded Transmission Facilities (Line 125 - Line 126) 100.005 127 Inclusion Ratio (Line 127 / Line 126) 100.005 128 Gross Revenue Requirement (Line 127 / Line 126) 100.005 129 Gross Revenue Requirement (Line 124) 237,871.601 120 Revenue Credits Attachment 3 1.455,458 122 Net Revenue Requirement (Line 130 - Line 131) 236,436,142 138 Revenue Credits 1.458,459 1.458,459 139 Net Revenue Requirement (Line 130) 1.458,459 130 Net Revenue Requirement (Line 130) 236,436,142 131 Revenue Requirement (Line 130) 1.458,459 132 Net Revenue Requirement (Line 130) 1.458,459 133 Net Revenue Requirement (Line 130) 1.458,459 134 Net Revenue Requirement (Line 130) 1.458,459 135 Revenue Requirement (Line 130) 1.458,459 136 FCR without Depreciation (L	124	Gross Revenue Requirement		(Sum Lines 119 to 123)	237,871,601
Interpret/1000 Excluded Transmission Facilities 0.00 126 Excluded Transmission Facilities 0.00 127 Included Transmission Facilities 0.00 128 Grass Revenue Requirement 0.00 129 Grass Revenue Requirement 0.00 121 Adjusted Grass Revenue Requirement 0.00 123 Revenue Credits Attachment 3 1.435,459 123 Net Revenue Requirement 0.00 1.435,459 124 Net Transmission Plant + CWP 0.00 1.438,453 125 FCR 0.00 1.438,453 126 Revenue Requirement 0.00 1.438,453 127 Net Revenue Requirement 0.00 1.438,453 126 FCR 0.00 1.438,453 127 Revenue Requirement 0.00 1.438,453 </td <td></td> <td>Adjustment to Remove Revenue Requirements Associated wit</td> <td>h Excluded Transmission Facilities</td> <td></td> <td></td>		Adjustment to Remove Revenue Requirements Associated wit	h Excluded Transmission Facilities		
127 Included Transmission Facilities (Line 122, Line 125) 2,172,209,071 128 Included Transmission Ratio (Line 124) 237,871,601 129 Gross Revenue Requirement (Line 124) 237,871,601 130 Adjusted Gross Revenue Requirement (Line 124) 237,871,601 130 Revenue Credits Attachment 3 1,435,459 132 Net Revenue Requirement (Line 130 - Line 131) 236,436,142 134 Net Revenue Requirement (Line 132) 236,436,142 134 Net Revenue Requirement (Line 132) 236,436,142 134 Net Revenue Requirement (Line 132) 236,436,142 135 FCR (Line 132) 1,818,856,23 136 FCR without Depreciation 1,818,856,23 1,818,856,23 137 FCR without Depreciation and Pre-Commercial Costs (Line 132 - Line 122 - Line 123) 1,818,856,23 137 FCR without Depreciation and Pre-Commercial Costs (Line 133 - Line 75 - Line 108 - Line 115) / Line 134 1,4152,414 138 FCR without Depreciation and Pre-Commercial (Lin	125	Transmission Plant In Service		(Line 22)	2,172,209,071
128 Inclusion Ratio (Line 127 / Line 126) 100.00% 129 Gross Revenue Requirement (Line 124) 237.871.601 131 Revenue Credits Adjusted Gross Revenue Requirement (Line 126) 237.871.601 131 Revenue Credits Attachment 3 1.435.459 132 Net Revenue Requirement (Line 130 - Line 131) 236.436,142 133 Net Revenue Requirement (Line 132 - Line 131) 236.436,142 134 Net Revenue Requirement (Line 132 - Line 131) 236.436,142 135 FCR (Line 132 - Line 133) 1.688.85,639 136 FCR without Depreciation 1.988.835,639 12.998,730 137 FCR without Depreciation 1.988.835,639 10.591.4% 138 FCR without Depreciation and Pre-Commercial Costs (Line 132 - Line 124) 10.591.4% 139 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 123) 10.551.4% 139 FCR without Depreciation and Taxes (Line 132 - Line 123) 10.551.4% 139 FCR with Incentive ROE (Line 132 - Line 123) 10.554.497 140 Herman Hassen Pl	126	Excluded Transmission Facilities	(Note L)	Attachment 5	0
129 Gross Revenue Requirement Line 124) 237,871,601 130 Adjusted Gross Revenue Requirement Line 128 * Line 129) 237,871,601 131 Revenue Credits Attachment 3 1,435,459 132 Net Revenue Requirement Line 130 - Line 131) 236,436,142 133 Net Revenue Requirement Line 132, Line 23 + Line 33) 1,438,845,243 134 Net Revenue Requirement Line 132, Line 23 + Line 33) 1,438,845,243 135 FCR Line 132, Line 73, Line 23 + Line 33) 1,438,845,243 135 FCR without Depreciation Line 132, Line 70 - Line 71 - Line 75, Line 134 10,5914% 136 FCR without Depreciation and Pre-Commercial Costs Line 132 - Line 122 - Line 123) 69,554,497 137 FCR without Depreciation with Incentive ROE Line 132 - Line 122 - Line 123) 69,554,497 140 Increased Return and Taxes Line 132 - Line 123 - Line 133) 1,818,855,223 141 Net Revenue Requirement with Incentive ROE Line 132 - Line 123 - Line 133 - Line 75 - Line 133 - Lin	127	Included Transmission Facilities		(Line 125 - Line 126)	2,172,209,071
129 Gross Revenue Requirement (Line 124) 237,871,601 130 Adjuste Gross Revenue Requirement (Line 128 * Line 129) 237,871,601 131 Revenue Credits Attachment 3 1,435,459 132 Net Revenue Requirement (Line 130 - Line 131) 236,436,142 133 Net Revenue Requirement (Line 132) 236,436,142 134 Net Revenue Requirement (Line 132) 14,88,836,293 135 FCR (Line 132) 14,88,836,293 136 FCR without Depreciation (Line 132) 14,88,836,293 137 FCR without Depreciation and Pre-Commercial Costs (Line 133 - Line 75 - Line 127)/Line 134 10,5914% 137 FCR without Depreciation and Taxes (Line 132 - Line 122 - Line 123) 69,554,497 140 Increased Return and Taxes (Line 132 - Line 122 - Line 133) 14,88,856,293 141 Net Revenue Requirement (Line 134 - Line 75) / Line 134 14,385,493 141 Increased Return and Taxes (Line 132 - Line 122 - Line 123) 69,554,497 142 Net Revenue Requirement with Incentive	128	Inclusion Ratio		(Line 127 / Line 125)	100.00%
Name Adjusted Gross Revenue Requirement (Line 128 * Line 129) 237,871,601 Revenue Credits Attachment 3 1.435,459 131 Revenue Credits Attachment 3 1.435,459 132 Net Revenue Requirement (Line 130 - Line 131) 236,436,142 133 Net Revenue Requirement (Line 132) 236,436,142 134 Net Revenue Requirement (Line 132) 236,436,142 135 Met Revenue Requirement (Line 132) 236,436,142 136 Net Revenue Requirement (Line 132) 236,436,142 137 PGR without Depreciation Plant + CWIP 1,818,356,23 12,8993,34 138 FGR without Depreciation and Pre-Commercial Costs (Line 132) 12,8993,44 138 FGR without Depreciation Return, nor Income Taxes (Line 133 - Line 75) - Line 134 10,5914%, 139 Net Revenue Requirement twish Incentive ROE (Line 132) 19,554,497 140 Increased Return and Taxes (Line 132) 19,554,497 141 Net Revenue Requirement twish Incentive ROE (Line 134, Line 140) 148,83	129	Gross Revenue Requirement			
131 Revenue Credits Attachment 3 1,435,459 132 Net Revenue Requirement (Line 130 - Line 131) 236,436,142 133 Net Revenue Requirement (Line 132) 236,436,142 134 Net Plant Carrying Charge 236,436,142 135 Not Revenue Requirement (Line 132) 131,81,835,529 136 FCR (Line 133 - Line 73) 1,81,835,529 137 FCR without Depreciation (Line 133 - Line 75) Line 134 105,914% 138 FCR without Depreciation Return, nor Income Taxes (Line 132 - Line 122 - Line 123) 69,554,497 138 FCR without Depreciation and Taxes (Line 132 - Line 122 - Line 123) 69,554,497 141 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 123) 69,554,497 141 Net Revenue Requirement No (Line 132 - Line 123) 69,554,497 141 Net Revenue Requirement No (Line 132 - Line 123) 69,554,497 141 Net Revenue Requirement No (Line 132 - Line 123) 69,554,497 142 Net Revenue Requirement No (Line 132 - Line 123) 13,835,556 142 Net Reve	130	Adjusted Gross Revenue Requirement		(Line 128 * Line 129)	237,871,601
132 Net Revenue Requirement (Line 130 - Line 131) 236,436,142 Net Plant Carrying Charge (Line 130 - Line 131) 236,436,142 134 Net Transmission Plant + CWIP (Line 132) 236,436,142 135 FCR (Line 132) 1,818,335,629 136 FCR without Depreciation 1,818,335,629 137 FCR without Depreciation and Pre-Commercial Costs (Line 133 - Line 75) / Line 134 10,5914% 138 FCR without Depreciation, Return, nor Income Taxes (Line 132 - Line 122 - Line 123) 69,554,497 139 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 122 - Line 123) 69,554,497 141 Net Revenue Requirement Win Incentive ROE (Line 132 - Line 122 - Line 123) 286,691,301 141 Net Revenue Requirement (Line 132 - Line 122 - Line 123) 1,818,835,629 142 FCR with Incentive ROE (Line 134 - Line 140) 286,691,301 144 FCR with Incentive ROE (Line 141 - Line 75) 11,818,835,734 145 FCR with Incentive ROE (Line 141 - Line 75) 11,2652% 144 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 141 - Line 75) 11,2652% 145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 142 - Line 75) 11,					
Net Plant Carrying Charge 236,436,142 133 Net Revenue Requirement (Line 132) 134 Net Transmission Plant + CWIP 135 FCR 136 FCR without Depreciation 137 FCR without Depreciation and Pre-Commercial Costs 138 FCR without Depreciation, Return, nor Income Taxes 139 PCR without Depreciation and Pre-Commercial Costs 139 FCR without Depreciation, Return, nor Income Taxes 139 PCR without Depreciation and Taxes 140 Increased Return and Taxes 141 Increased Return and Taxes 142 Net Revenue Requirement the Incentive ROE 143 Increased Return and Taxes 144 FCR with Incentive ROE 145 FCR with Incentive ROE 146 Increased Return and Taxes 147 Increased Return and Taxes 148 Increased Return and Taxes 149 Increased Return ROE 140 Increased Return and Taxes 141 Increased Return and Taxes 142 Increased Return and Taxes 144 FCR with Incentive ROE <tr< td=""><td>131</td><td>Revenue Credits</td><td></td><td>Attachment 3</td><td>1,435,459</td></tr<>	131	Revenue Credits		Attachment 3	1,435,459
133Net Revenue Requirement(Line 132)236,485,142135FCR(Line 132)1,818,835,142136FCR(Line 133)1,818,835,142137FCR without Depreciation(Line 133)1,818,835,142138FCR without Depreciation and Pre-Commercial Costs(Line 133)1,818,835,142139FCR without Depreciation, Return, nor Income Taxes(Line 133)Line 70-Line 71-Line 75)10,5914%139FCR without Depreciation, Return, nor Income Taxes(Line 132)Line 71-Line 75)Line 1341,4162%Verter Requirement Less Return and Taxes(Line 132)Line 140)248,691,304140Increased Return and Taxes(Line 132)1,818,835,629141Net Revenue Requirement Less Return and Taxes(Line 132)1,818,835,629142Net Transmission Plant + CWIP(Line 141)1,416,433,5629143FCR with Incentive ROE(Line 141)1,418,835,629144FCR with Incentive ROE(Line 142)1,353,629145FCR with Incentive ROE without Depreciation and Pre-Commercial(Line 142)1,363,634145FCR with Incentive ROE without Depreciation and Pre-Commercial(Line 132)236,436,142,40145FCR with Incentive ROE without Depreciation and Pre-Commercial(Line 142)1,252,436,142,40145FCR with Incentive ROE without Depreciation and Pre-Commercial(Line 132)236,436,142,40145FCR with Incentive ROE without Depreciation and Pre-Commercial(Line 132)236,436,142	132	Net Revenue Requirement		(Line 130 - Line 131)	236,436,142
134Net Transmission Plant + CWIP(Line 17 - Line 23 + Line 33)1,818,835,629135FCRWithout Depreciation12,9933%136FCR without Depreciation and Pre-Commercial Costs(Line 133 - Line 75) / Line 13410,5914%137FCR without Depreciation and Pre-Commercial Costs(Line 133 - Line 75 - Line 108 - Line 15) / Line 13410,5914%138FCR without Depreciation, Return, nor Income Taxes(Line 133 - Line 75 - Line 108 - Line 115) / Line 13410,5914%138FCR without Depreciation, Return, nor Income Taxes(Line 132 - Line 75 - Line 108 - Line 115) / Line 13410,5914%139Net Revenue Requirement Less Return and Taxes(Line 132 - Line 122 - Line 123)69,554,497140Increased Return and Taxes(Line 132 - Line 122 - Line 123)1248,691,301141Net Revenue Requirement with Incentive ROE(Line 139 + Line 140)248,691,301142Net Revenue Requirement with Incentive ROE(Line 141 / Line 142)13,6731%144FCR with Incentive ROE(Line 141 - Line 75) / Line 14211,2652%145FCR with Incentive ROE(Line 141 - Line 75) / Line 14211,2652%146Net Revenue Requirement(Line 132)236,436,142.46147Reconciliation amountAttachment 68,561,714.84148Plus ary increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zonesAttachment 76,371,305.56147Reconciliation amountAttachment 68,561,714.8410,00148FOR with Incentive		Net Plant Carrying Charge			
135 FCR (Line 133 / Line 134) 12.9959x 136 FCR without Depreciation and Pre-Commercial Costs 10.5914% (Line 133 - Line 75) / Line 134 10.5914% 138 FCR without Depreciation, Return, nor Income Taxes (Line 133 - Line 75) / Line 134 10.5914% 138 FCR without Depreciation, Return, nor Income Taxes (Line 133 - Line 75) / Line 134 10.5914% 139 Net Plant Carrying Charge Calculation with Incentive ROE 69,554,497 69,554,497 140 Increased Return and Taxes (Line 132 - Line 122 - Line 123) 69,554,497 141 Net Revenue Requirement Less Return and Taxes (Line 139 + Line 140) 248,691,301 141 Net Transmission Plant + CWIP (Line 139 + Line 140) 248,691,301 142 Net Transmission Plant + CWIP (Line 141 / Line 75) / Line 142 11,2652% 145 FCR with Incentive ROE (Line 141 - Line 75) / Line 142 11,2652% 145 FCR with Incentive ROE without Depreciation (Line 132) 236,436,142.46 145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 132) 236,436,142.46 146 Net Revenue Requirement (Line 132) 236,436,142.4	133				236,436,142
136FCR without Depreciation(Line 133 - Line 75) / Line 13410.5914%137FCR without Depreciation and Pre-Commercial Costs(Line 133 - Line 75 - Line 71 - Line 75) / Line 13410.5914%138FCR without Depreciation, Return, nor Income Taxes(Line 133 - Line 75 - Line 71 - Line 75) / Line 13410.5914%139Net Pant Carrying Charge Calculation with Incentive ROE139Net Revenue Requirement Less Return and Taxes(Line 132 - Line 122 - Line 123)69,554,497141Increased Return and TaxesAttachment 4179,136,804142Net Revenue Requirement with Incentive ROE(Line 139 + Line 140)248,693,562143FCR with Incentive ROE(Line 132 - Line 123)1818,83,562144FCR with Incentive ROE(Line 17 - Line 23 Line 33)1,818,83,562145FCR with Incentive ROE(Line 141 - Line 75) / Line 14211,2652%146Net Revenue Requirement(Line 131 - CP - Commercial11,2652%147Reconciliation amountAttachment 78,561,714,84148Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zonesAttachment 76,371,035150Net Zonal Service Rate(Line 16 + 147 + 148 + 149)251,369,162.881511 CP Peak(Note K)PJM DataN/A152Rate (\$MW-Year)N/AN/A					
137 FCR without Depreciation and Pre-Commercial Costs (Line 133 - Line 70 - Line 71 - Line 75) / Line 134 10.5914% 138 FCR without Depreciation, Return, nor Income Taxes (Line 133 - Line 75 - Line 108 - Line 115) / Line 134 14.62% Net Pant Carrying Charge Calculation with Incentive ROE 139 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 122 - Line 123) 69,554,497 140 Increased Return and Taxes (Line 132 - Line 140) 248,691,301 141 Net Revenue Requirement with Incentive ROE (Line 147 - Line 75) / Line 142 13.835,629 143 FCR with Incentive ROE (Line 141 - Line 75) / Line 142 13.835,629 144 FCR with Incentive ROE (Line 141 - Line 75) / Line 142 13.855,629 145 FCR with Incentive ROE (Line 141 - Line 75) / Line 142 13.855,629 145 FCR with Incentive ROE (Line 141 - Line 75) / Line 142 13.855,629 144 FCR with Incentive ROE (Line 141 - Line 75) / Line 142 13.855,629 145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 141 - Line 75) / Line 142 13.855,629 145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 1					
138 FCR without Depreciation, Return, nor Income Taxes (Line 133 - Line 75 - Line 108 - Line 115) / Line 134 1.4162% 139 Net Plant Carrying Charge Calculation with Incentive ROE (Line 132 - Line 122 - Line 123) 69,554,497 139 Net Revenue Requirement Less Return and Taxes (Line 139 + Line 140) 244,691,301 141 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140) 244,691,301 142 Net Transmission Plant + CWIP (Line 141 / Line 75) / Line 142 13,8731% 144 FCR with Incentive ROE (Line 141 / Line 75) / Line 142 13,2652% 145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 141 - Line 75) / Line 142 11,2652% 146 Net Revenue Requirement (Line 132) 236,436,424.64 11,2652% 147 Reconciliation amount Ratechment 6 8,561,714.84 11,2652% 148 Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones Attachment 7 6,371,305.58 149 Facility Credits under Section 30.9 of the PJM OATT Attachment 5 0.00 150 Net Zonal Revenue Requirement (Line 146 + 147 + 148 + 149) 251,369,162.88					
Net Plant Carrying Charge Calculation with Incentive ROE (Line 132 - Line 122 - Line 123) 69,554,497 139 Not Revenue Requirement Less Return and Taxes (Line 132 - Line 122 - Line 123) 69,554,497 140 Increased Return and Taxes (Line 139 + Line 140) 248,691,301 141 Net Transmission Plant + CWIP (Line 139 + Line 140) 248,691,301 142 Net Transmission Plant + CWIP (Line 139 + Line 140) 13,8731% 144 FCR with Incentive ROE (Line 137 - Line 23+ Line 33) 1,818,835,629 144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142 11.2652% 145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 132) 236,436,142.46 147 Reconciliation amount 8,561,714.84 Attachment 6 8,561,714.84 148 Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones Attachment 5 0.00 150 Net Zonal Revenue Requirement (Line 146 + 147 + 148 + 149) 251,369,1622.88 151 1 CP Peak (Note K) PJM Data NA 152 Rate (§/MW-Year) (NA NA <td></td> <td></td> <td></td> <td></td> <td></td>					
139Net Revenue Requirement Less Return and Taxes(Line 132 - Line 122)69,554,497140Increased Return and Taxes179,136,804141Net Revenue Requirement with Incentive ROE(Line 139 + Line 140)248,691,301142Net Transmission Plant + CWIP(Line 139 + Line 130)1,818,835,629143FCR with Incentive ROE(Line 141 / Line 142)13,6731%144FCR with Incentive ROE(Line 141 / Line 75) / Line 14211,2652%145FCR with Incentive ROE without Depreciation and Pre-Commercial(Line 132)236,436,142.46146Net Revenue Requirement(Line 132)236,436,142.46147Reconciliation amountAttachment 68,561,714.84148Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zonesAttachment 76,371,305.88149Facility Credits under Section 30.9 of the PJM OATTAttachment 50.00150Net Zonal Revenue Requirement(Line 146 + 147 + 148 + 149)251,369,162.881511 CP Peak(Note K)PJM DataN/A152Rate (\$/MW-Year)N/AN/A	130	FOR without Depreciation, Return, nor income rakes			1.4102 /6
140Increased Return and TaxesAttachment 4179,136,804141Net Revenue Requirement with Incentive ROE(Line 139 + Line 140)248,691,301142Net Transmission Plant + UVIP(Line 17 - Line 23+ Line 33)1,818,835,629143FCR with Incentive ROE(Line 141 / Line 142)13,6731%144FCR with Incentive ROE without Depreciation(Line 141 - Line 75) / Line 14211,2652%145FCR with Incentive ROE without Depreciation and Pre-Commercial(Line 141 - Line 70 - Line 71 - Line 75) / Line 14211,2652%146Net Revenue Requirement(Line 132)Attachment 68,561,714.84147Reconciliation amountAttachment 68,561,714.84148Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zonesAttachment 76,371,305,58149Facility Credits under Section 30.9 of the PJM OATTAttachment 50.00150Net Zonal Revenue Requirement(Line 146 + 147 + 148 + 149)251,369,162.881511 CP Peak(Note K)PJM DataN/A152Rate (%/MW-Year)N/AN/A					
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142 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,818,835,629 143 FCR with Incentive ROE (Line 141 / Line 142) 13,6731% 144 FCR with Incentive ROE without Depreciation (Line 141 / Line 75) / Line 142 11,2652% 145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 132) 236,436,142.46 147 Reconciliation amount Attachment 6 8,561,714.84 148 Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones Attachment 7 6,371,305.58 149 Facility Credits under Section 30.9 of the PJM OATT Attachment 5 0.00 150 Net Zonal Revenue Requirement (Line 146 + 147 + 148 + 149) 251,369,162.88 150 Net Zonal Service Rate 0.00 0.00 151 1 CP Peak (Note K) PJM Data N/A 152 Rate (%/MW-Year) N/A N/A					
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144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142 11.2652% 145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 141 - Line 70 - Line 71 - Line 75) / Line 142 11.2652% 146 Net Revenue Requirement (Line 132) 236,436,142.46 147 Reconciliation amount Attachment 6 8,561,714.84 148 Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones Attachment 6 8,561,714.84 149 Facility Credits under Section 30.9 of the PJM OATT Attachment 5 0.00 150 Net Zonal Revenue Requirement (Line 146 + 147 + 148 + 149) 251,369,162.88 151 1 CP Peak (Note K) PJM Data N/A 152 Rate (%/MW-Year) N/A N/A					
145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 141 - Line 70 - Line 71 - Line 75) / Line 142 11.2652% 146 Net Revenue Requirement (Line 132) Attachment 6 8,561,714.84 148 Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones Attachment 7 6,371,305.58 149 Facility Credits under Section 30.9 of the PJM OATT Attachment 7 0.00 150 Net Zonal Revenue Requirement (Line 146 + 147 + 148 + 149) 251,369,162.88 Network Zonal Service Rate 151 1 CP Peak N/A 152 Rate (%/MW-Year) N/A					
147 Reconciliation amount Attachment 6 8,561,714.84 148 Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones Attachment 7 6,371,305.58 149 Facility Credits under Section 30.9 of the PJM OATT Attachment 7 0.00 150 Net Zonal Revenue Requirement (Line 146 + 147 + 148 + 149) 251,369,162.88 Network Zonal Service Rate 151 1 CP Peak (Note K) PJM Data N/A 152 Rate (\$/MW-Year) N/A N/A			ercial		11.2652%
147 Reconciliation amount Attachment 6 8,561,714.84 148 Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones Attachment 7 6,371,305.58 149 Facility Credits under Section 30.9 of the PJM OATT Attachment 7 0.00 150 Net Zonal Revenue Requirement (Line 146 + 147 + 148 + 149) 251,369,162.88 Network Zonal Service Rate 151 1 CP Peak (Note K) PJM Data (Line 150 / 151) N/A	146	Net Revenue Requirement		(Line 132)	236,436,142.46
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) 251,369,162.88 150 Network Zonal Service Rate (Note K) PJM Data N/A 151 1 CP Peak (Note K) PJM Data N/A 152 Rate (\$/MW-Year) N/A N/A	147			Attachment 6	8,561,714.84
Net Zonal Revenue Requirement (Line 146 + 147 + 148 + 149) 251,369,162.88 Network Zonal Service Rate (Note K) PJM Data (Line 150 / 151) N/A 152 Rate (\$/MW-Year) N/A N/A			12 projects not paid by other PJM trans zones		6,371,305.58
151 1 CP Peak (Note K) PJM Data N/A 152 Rate (\$/MW-Year) (Line 150 / 151) N/A					251,369,162.88
152 Rate (\$/MW-Year) (Line 150 / 151) N/A					
			(Note K)		
153 Network Service Rate (\$/MW/Year) (Line 152) 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.

- 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 filling 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%*260+60%*(365-260)]/365

Trans-Allegheny Interstate Line Company

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

			Trar	is-Allegheny	Interstate Company				
Line	B1	B2	B3 End of Year Est. for	С	D Only	E	F	G	
	Beg of Year Total	End of Year Total	Final Total	Retail Related	Transmission Related	Plant Related	Labor Related	Total ADIT	
1 ADIT- 282 From Account Total Below	559,422,845	568,563,524	568,563,524		568,563,524	-		568,563,524	
2 ADIT-283 From Account Total Below 3 ADIT-190 From Account Total Below	99,335,630 (246,128,398)	92,932,803 (259,063,205)	92,932,803 (259,063,205)		91,745,895 (257,829,023)		:	91,745,895 (257,829,023)	Enter Negat
4 Subtotal 5 Wages & Salary Allocator					402,480,396		100.0000%	402,480,396	
6 Gross Plant Allocator 7 ADIT					402,480,396	100.0000%	-	402,480,396	

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 Trar	C ns-Allegheny In	D nterstate Company	E	F	G	
ADIT-190	Beg of Year Balance p234.18.b	End of Year Balance p234.18.c	End of Year Est. for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Accelerated Tax Depr-FED-Norm	-	(3)	(3)			(3)			Additional tax deprecation over book
AMT Carryforward	982,089	815,017	815,017			815,017			Paid AMT tax which generates a credit
									Disallowance in current year for charitable deduction due to tax loss, tax
Charitable Contribution - VA RTA	-	135	135			135			attribute carries forward five years
									Disallowance in current year for charitable deduction due to tax loss, tax
Charitable Contribution - WV RTA	280	1,761	1,761			1,761			attribute carries forward five years
									Disallowance in current year for charitable deduction due to tax loss, tax
Charitable Contribution Carryforward	13,455					-			attribute carries forward five years
CIAC-Fed-Norm	341,077	1,330,290	1,330,290			1,330,290			Taxable CIAC
CIAC-Fed-Norm-Incurred-CWIP	1,892,583	1,892,585	1,892,585			1,892,585			Taxable CIAC
CIAC-MD-Norm-Incurred-CWIP	21.594	21.594	21.594			21.594			Taxable CIAC
CIAC-PA-Norm	60,344	103,436	103.436			103,436			Taxable CIAC
CIAC-PA-Norm-Incurred-CWIP	71.176	71,176	71.176			71.176			Taxable CIAC
CIAC-VA-Norm	(48,080)	(36,945)	(36,945)			(36,945)			Taxable CIAC
CIAC-VA-Norm-Incurred-CWIP	20,557	20,558	20,558			20,558			Taxable CIAC
CIAC-WV-Norm	22.367	100.900	100.900			100.900			Taxable CIAC
CIAC-WV-Norm-Incurred-CWIP	157,678	157.677	157.677			157.677			Taxable CIAC
Deferral Amortization of Excess Def Income Taxes	-	2.049.003	2.049.003			2.049.003			Resulting from deferral of refund of excess ADIT due to customers
Detertal Amonization of Excess Der moonle Taxes		2,048,005	2,048,005			2,048,005			Reclass of the tax portion (gross-up) for property items included in account
FASB 109 Gross-LIP	(3,457,109)	(7,531,112)	(7,531,112)			(7,531,112)			190
Federal NOI	146.951.695	157.650.152	157.650.152			157.650.152			Result of bonus depreciation
Federal NOL	140,901,090	157,650,152	157,650,152			157,030,152			Costs incurred as a result of Allegheny merging with FirstEnergy which are
Merger Costs: D&O Insurance	1,333	1,003	1.003		1.003				not to be included within the revenue requirement
werger costs, bao insurance	1,555	1,003	1,003		1,003				Costs incurred as a result of Allegheny merging with FirstEnergy which are
New Oak Press	04,400	46.271	46.271		46.271				
Merger Costs: Licenses	61,482				46,271				not to be included within the revenue requirement
NOL Deferred Tax Asset - LT PA	3,563,101	2,847,069	2,847,069			2,847,069			Result of bonus depreciation
NOL Deferred Tax Asset - LT WV	17,735,335	17,926,330	17,926,330			17,926,330			Result of bonus depreciation
									Pension related temporary difference associated with Service Company
Pension/OPEB : Other Def Cr. or Dr.	2,187,156	1,456,511	1,456,511			1,456,511			allocations
									Reflects the adjustments and subsequent amortization of the regulatory asset
									associated with the adjusted debt balances resulting from the FE/AYE merger
Purch Acct-LTD FMV	1,231,306	1,186,908	1,186,908		1,186,908				(Offset is PAA - LT Regulatory Asset Amort below in 283)
State Income Tax Deductible	443.800	1.557.234	1.557.234			1.557.234			Deductions related to state income taxes
Tax Interest Capitalized-Fed-Norm	29.507.775	28.837.213	28.837.213			28.837.213			Actual amount of tax interest capitalized
Tax Interest Capitalized-Fed-Norm-Incurred-CWIP	32,415,858	32.573.737	32.573.737			32.573.737			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm	418.062	408.742	408.742			408,742			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm-Incurred-CWIP	308.401	311.239	311.239			311.239			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm	693,023	683.025	683,025			683,025			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm-Incurred-CWIP	1.016.849	1.031.080	1.031.080			1.031.080			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm	499.957	488,748	488,748			488.748			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Incurred-CWIP	331.688	334.330	334,330			334,330			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm	2.671.993	2.616.645	2.616.645			2.616.645			Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm-Incurred-CWIP	2,554,466	2,579,782	2,616,645			2,579,782			Actual amount of tax interest capitalized
Subtotal	242.671.288	251.532.093	251,532,093		1.234.182	250.297.911			notour uniouni of tax interest capitalized
Less FASB 109 included above	(3,457,109)	(7,531,112)	(7,531,112)		1,234,182	(7,531,112)			
Less FASB 109 included above Less FASB 106 included above	(3,457,109)	(7,551,112)	(7,551,112)	-		(7,551,112)		-	
Total	246.128.398	259.063.205	259.063.205		1.234.182	257.829.023			
10(0)	240,120,380	200,000,200	253,063,205		1,234,102	201,029,023	•		

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) of Production are directly assigned to Column D.
 ADIT items related only to Tamsimison are directly assigned to Column F.
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PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B1	B2	B3	с	D	E	F	G	
			Tran	s-Allegheny In	nterstate Compan	iy .			
ADIT- 282	Beg of Year Balance p274.9.b	End of Year Balance p275.9.k	End of Year Est. for Final Total	Retail Related	Gas, Prod Or Other Related Related	Only Transmission Related Related	Plant Related Related	Labor Related Related	JUSTIFICATION
A&G Expenses Capitalized	7,837,378	9,478,039	9,478,039			9,478,039			Basis difference relating to A&G expense
Accelerated Tax Depreciation	520,665,679	524,573,784	524,573,784			524,573,784			Additional tax deprecation over book
Additional State Depreciation MD	2,433,745	2,863,698	2,863,698			2,863,698			Temporary difference for additional state depreciation allowed for MD tax return
Additional State Depreciation PA	7,539,621	8,191,045	8,191,045			8,191,045			Temporary difference for additional state depreciation allowed for PA tax return
Additional State Depreciation VA	3,602,727	3,989,249	3,989,249			3,989,249			Temporary difference for additional state depreciation allowed for VA tax return
Additional State Depreciation WV	46,894,821	47,583,246	47,583,246			47,583,246			Temporary difference for additional state depreciation allowed for WV tax return
AFUDC Debt	4,248,659	4,207,355	4,207,355			4,207,355			Portion of AFUDC Debt that relates to property and booked to account 282
AFUDC Equity Flow Through	3		-						Portion of AFUDC Equity that relates to property and booked to account 282 Temporary difference that is capitalized for book purposes but deductible for
Capitalized Vertical Tree Trimming	109.560	113.822	113.822			113.822			tax purposes
Cost of Removal	(2.537,660)	(2.478.894)	(2,478,894)			(2.478.894)			Temporary difference arising for removal of plant/property
FASB 109 Gross-Up	(176,952,100)	(178,308,361)	(178,308,361)			(178,308,361)			Reclass of the tax portion (gross-up) for property items included in account 282
Other Basis Differences	(34.044.286)	(32.849.822)	(32,849,822)			(32,849,822)			Other property related temporary differences
Sale of Property - Book Gain or (Loss)	(123.056)	(167,759)	(167,759)			(167,759)			
									Repair deduction on capitalized book asset deductible for tax purposes under
T&D Repairs	2,930,713	3,246,731	3,246,731			3,246,731			Rev. Proc. 2011-43
									Vegetation management transmission corridor capital cost and depreciation
Vegetation Management - Transmission	(135,059)	(186,970)	(186,970)			(186,970)			expenses required for the regulatory financial statement schedules
Subtotal	382,470,745	390,255,164	390,255,164	-		390,255,164			
Less FASB 109 included above	(176,952,100)	(178,308,361)	(178,308,361)	-	-	(178,308,361)	-		
Less FASB 106 included above									
Total	559,422,845	568,563,524	568,563,524	-		568,563,524		-	

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) of Production are directly assigned to Column D.
 ADIT items related only to Tamsinism on are directly assigned to Column F.
 ADIT items related only to Tamsinism on a directly assigned to Column F.
 ADIT items related to bloch and not in Columns C. D & E are directly assigned to Colum F.
 ADIT items related to bloch and not in Columns C. D & E are directly assigned to Column F.
 S. DIT items related to bloch and not in Columns C. D. E are directly assigned to Column F.
 S. DIT items related to bloch and not in Columns C.
 Defend 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.

PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B1	B2	B3	с	D	Е	F	G	
			Trar	is-Allegheny In	terstate Company	1			
ADIT-283	Beg of Year Balance p276.19.b	End of Year Balance p277.19.k	End of Year Est. for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Charitable Contribution State & Local RTA CIAC-Fe4 Morm-Reversal-CVIIP CIACMD-Norm-Reversal-CVIIP CIAC-VA-Norm-Reversal-CVIIP CIAC-VA-Norm-Reversal-CVIP CIAC-VA-Norm-Reversal-CVIP Demonstration State Control Control Control Research Control Control Control Control Research Control Control Control Control Research Control Con	260 848,550 (68,524) 11,542 75,880 5,556 53,850 20,304 9,066,511 1,231,305 42,2616,309 32,219 32,2111,359 32,269 32,2111,359 32,269 32,2111,359 32,228,307 11,735,335	2,853 1,892,853 (78,133) 21,814 14,21,734 14,553 135,495 20,739 17,820,512 1,186,908 34,724,038 319,254 32,198,345 30,218,34530,218,345 30,218,345 30,218,34530,218,345 30,218,34530,218,345 30,218,34530,218,345 30,218,34530,345 30,218,34530,345 30,218,34530,345 30,34530,34530,345	2,853 1,882,883 (78,133) 2,1,814 14,533 133,739 17,820,512 1,185,908 3,7784,038 3,7784,038 3,792,44,0383,792,44,038 3,792,44,0383,792,44,038 3,792,44,0383,792,44,038 3,792,44,0383,792,44,038 3,792,44,0383,792,44,038 3,792,44,0383,792,44,038 3,792,44,0383,792,44,038 3,792,44,0383,792,44,038 3,792,44,0384,04,04,04,04,04,04,04,04,04,04,04,04,04		1,186,908	2.853 1.882,583 (78,133) 27,814 14,553 135,495 20,739 17,820,512 34,784,038 319,254 32,198,345 30,7012 34,784,038 319,254 32,198,345 30,7012 22,9176 2,541,838 17,926,331			Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years Taxable CIAC Taxable CIAC Taxable CIAC Taxable CIAC Taxable CIAC Taxable CIAC Taxable CIAC Taxable CIAC Taxable CIAC Actual and the star outrion (or carries in character Actual amount of tax interest capitalized Actual amount of tax interest capitalized
Vegetation Management	135,059	186,970	186,970			186,970			Vegetation management transmission corridor capital cost and depreciation expenses required for the regulatory financial statement schedules
Subtotal Less FASB 109 included above Less FASB 106 included above	108,402,141 9,066,511	110,753,315 17,820,512	110,753,315 17,820,512	-	1,186,908	109,566,407 17,820,512		-	
Total	99,335,630	92,932,803	92,932,803		1,186,908	91,745,895			

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 (a.g., Gas, Water, Sweet) or Production are directly assigned to Column D.
 ADIT items related on Vor Transmission and effectly assigned to Column F.
 ADIT items related to bart and not to Columns C, D & E are directly assigned to Column F.
 ADIT items related to bart and not to Columns C.

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.

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	
F	Plant Related		Gro	oss Plant Allocat	or	
1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0	2017 State Property WV 2018 State Property WV 2017 State Property PA (PURTA) 2018 Local Property WV 2018 Local Property VA 2018 Local Property PA 2017 Local Property MD	p263.27(i) p263.28(i) p263.36(i) p263.36(i) p263.39(i) p263.1.2(i) p263.1.5(i)	4,609,024 5,488,280 33,000 18,575 1,586,744 4,211 1,487,452	100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000%	\$ 4,609,024 5,488,280 33,000 18,575 1,586,744 4,211 1,487,452	
2.1 2.2						
2.3	State Sales/Use Tax PA	p263.15(i)	170	100.0000%	170	
4 1	Total Plant Related	-	13,227,455	100.0000%	13,227,455	
I	Labor Related		Wage	s & Salary Alloca	ator	
5 6 7	Accrued Federal FICA Accrued Federal Unemployment State Unemployment Federal - Other		0 0 52,090			
8 1	Total Labor Related		52,090	100.0000%	52,090	
0	Other Included		Gro	oss Plant Allocat	or	
9 10 11			0 0 0		0 0 0	
12 1	Total Other Included		0	100.0000%	0	
13 1	Total Included (Lines 4 + 8 + 12)	-	13,279,545		13,279,545 Input to Appendix A, Lin	ie 82
F	Retail Related Other Taxes to be Excluded					
14 15 16 17 18	Federal Income Tax Corporate Net Income Tax MD Corporate Net Income Tax PA Corporate Net Income Tax VA Corporate Net Income Tax WV	p263.2(i) p263.8(i) p263.14(i) p263.21(i) p263.25(i)	35,728,079 165,731 1,752,242 146,602 4,758,895			
19	Subtotal, Excluded		42,551,548			
20 1	Total, Included and Excluded (Line 13 + Line 19)		55,831,093			
21 1	Total Other Taxes from p114.14.c	<u> </u>	13,279,545			
22	Difference (Line 20 - Line 21)		42,551,548			

Criteria for Allocation:

- 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. А
- в Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary
- С
- Allocator. If the taxes are included including ownership of only generation interglobe plant will be allocated based on the wages and Sa Allocator. If the taxes are 100% recovered at retail they shall not be included. Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator. 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 D overheads shall be treated as in footnote B above. Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.
- Е

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Trans-Allegheny Interstate Line Company

Attachment 3 - Revenue Credit Workpaper

	Attachment 3 - Revenue Credit Workpaper		Amount	FERC Form No.1 page, line & Col
	Account 454 - Rent from Electric Property			
1 2	Rent from Electric Property - Transmission Related (Note 3) Total Rent Revenues	(Line 1)	-	Page 300 Line: 19 Column: b
	Account 456 - Other Electric Revenues (Note 1)			
	Schedule 1A 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)		-	
6 7 8 9	Point to Point Service revenues for which the load is not included in the divisor received by Trans PJM Transitional Revenue Neutrality (Note 1) PJM Transitional Market Expansion (Note 1) Professional Services (Note 3) Revenues from Directly Assigned Transmission Facility Charges (Note 2) Rent or Attachment Fees associated with Transmission Facilities (Note 3)	mission Owner	1,435,459 - -	p328-330 Footnote Data Schedule Page: 328 Line: 1 Column: m
	Gross Revenue Credits	(Sum Lines 2-10)	1,435,459	
	Less line 14g Total Revenue Credits	(Line 11 - Line 12)	- 1,435,459	Input to Appendix A, Line 131
	Revenue Adjustment to determine Revenue Credit			
14b 14c 14d 14e 14f	Revenues associated with lines 14b-g are to be included in lines 2-10 and total of those revenues entered here Costs associated with revenues in line 14a Net Revenues (14a - 14b) 50% Share of Net Revenues (14c / 2) 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. Net Revenue Credit (14d + 14e) Line 14a less line 14f		- - - - - -	
15	Amount offset in line 4 above		-	
16	Total Account 454 and 456		1,435,459	
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.

А	Return and Taxes at High End of the range of Reasonableness Return and Taxes at High End of the range of Reasona		179,136,804	Input to Appendix A, Line 140
в	Difference between Base ROE and Incentive ROE		100	
turn C	alculation		Source Reference	
1	Rate Base		Appendix A, Line 46	1,490,701,524
2	Preferred Dividends	enter positive	Appendix A, Line 84	
	Common Stock			
3	Proprietary Capital		Appendix A, Line 85	936,927,66
4	Less Accumulated Other Comprehensive Income Ac	ccount 219	Appendix A, Line 86	
5	Less Preferred Stock		Appendix A, Line 87	
6	Less Account 216.1		Appendix A, Line 88	000.007.00
7	Common Stock		Appendix A, Line 89	936,927,66
	Capitalization			
8	Long Term Debt		Appendix A, Line 90	624,743,83
9	Less Unamortized Loss on Reacquired Debt		Appendix A, Line 91	
10	Plus Unamortized Gain on Reacquired Debt		Appendix A, Line 92	
11	Less ADIT associated with Gain or Loss		Appendix A, Line 93	
12	Total Long Term Debt Preferred Stock		Appendix A, Line 94	624,743,83
13 14	Common Stock		Appendix A, Line 95 Appendix A, Line 96	936.927.66
15	Total Capitalization		Appendix A, Line 97	1,561,671,50
16	Debt %	Total Long Term Debt	Appendix A, Line 98	40.0048
17	Preferred %	Preferred Stock	Appendix A, Line 99	0.0000
18	Common %	Common Stock	Appendix A, Line 100	59.99529
19	Debt Cost	Total Long Term Debt	Appendix A, Line 101	0.039
20	Preferred Cost	Preferred Stock	Appendix A, Line 102	0.000
21	Common Cost	Common Stock	12.70%	0.127
22	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 16 * 19)	0.015
23	Weighted Cost of Preferred	Preferred Stock	(Line 17 * 20)	0.000
24	Weighted Cost of Common	Common Stock	(Line 18 * 21)	0.076
25	Rate of Return on Rate Base (ROR)		(Sum Lines 22 to 24)	0.092
26	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 25)	137,078,62
mposi	Ite 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	7.62
29 30	p = percent of federal income tax deductible for state p T T=1 - {		Appendix A, Line 111	0.00' 27.02'
30 31	T/ (1-T)	{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	Appendix A, Line 112 Appendix A, Line 113	37.03
				10 0 - 0 11
32	Income Tax Component = CIT=(1	I/1-T) * Investment Return * (1-(WCLTD/R)) =		42,058,18
33	Total Income Taxes		(Line 32)	42,058,18

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Trans-Allegheny Interstate Line Company

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 - Territorial Line	Potter SS	OsapeWhiteley	Meadowbrook Transformer	North Sharandoah	Bedington Transformer	Maarimahereek Canacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	Daucha dd Tanan
				i otai													
December	p206.58.b	For 2017	2.048.762.166		47.196.352	17.653.081	1.077.649.185	2.022.554	24.555.348	8.206.718	1.923.902	7.723.538	6.496.239	39.572.702		4.686.053	
January	company records	For 2018	2,049,448,620		47,231,349	17,653,081	1,077,611,227	2,022,554	24,555,348	8.206.718	1.923.902	7.723.538	6.496.239	39.580.362	5.149.271	4.686.053	
February	company records	For 2018	2,049,501,690		47,246,205	17,653,081	1,077,617,856	2,022,554	24,555,348	8,206,718	1,923,902	7,723,538	6,496,239	39,591,609		4,686,053	
March	company records	For 2018	2,050,368,550		47.443.360	17.653.081	1.078.146.635	2.022.554	24.555.348	8.206.718	1.923.902	7.723.538	6.496.239	39.567.784	5.149.271	4.696.053	3 5.69
April	company records	For 2018	2.050.293.344		47,491,189	17,653,081	1,077,837,720	2,022,554	24,555,348	8.206.718	1.923.902	7.723.538	6.496.239	39.588.247	5.149.271	4,686.053	3 5.69
May	company records	For 2018	2.060.341.438		47,520,460	17.653.081	1.077.799.898	2.022.554	24,555,348	8.206.718	1.923.902	7.723.538	6.496.239	39.590.645	5.149.271	4,686.053	3 5.69
June	company records	For 2018	2.060.982.895		47.522.678	17.653.081	1.077.978.133	2.022.554	24,555,348	8.206.718	1.923.902	7.723.538	6.496.239	39.590.645	5.149.271	4,686.053	3 5.69
July .	company records	For 2018	2.061.867.776		47.522.678	17.653.081	1.078.013.534	2.022.554	24,555,348	8.206.718	1.923.902	7.723.538	6.496.239	39.590.645	5.149.271	4,686.053	3 5.69
August	company records	For 2018	2.061.536.790		47.522.678	17.653.081	1.078.150.319	2.022.554	24,555,348	8.206.718	1.923.902	7.723.538	6.496.239	39.590.645	5,149,271	4,686.053	
September	company records	For 2018	2.062.025.865		47.522.678	17.653.081	1.078.173.866	2.022.554	24,555,348	8.206.718	1.923.902	7.723.538	6.486.620	39.590.645	5.149.271	4,686.053	3 5.69
October	company records	For 2018	2.061.751.629		47.522.678	17.653.081	1.078.173.595	2.022.554	24,555,348	8.206.718	1.923.902	7.723.538	6.486.620	39.590.645	5,149,271	4,686.053	
November	company records	For 2018	2,065,287,358		47.522.678	17.653.081	1.078.195.826	2.022.554	24.555.348	8.206.718	1.923.902	7.723.538	6.486.620	39.590.645	5.149.271	4.686.053	3 5.69
December	p207.58.g	For 2018	2.064.865.510	2.064.865.510	48.015.763	17.653.081	1.077.052.743	2.022.554	24.555.348	8.206.718	1.923.902	7.723.538	6.486.620	39.590.645	5.149.271	4.686.053	
Transmission Plant In Service			2,057,464,125	2,064,865,510	47.483.134	17.653.081	1.077.876.964	2.022.554	24,555,348	8.206.718	1.923.902	7,723,538	6.493.279	39,586,605	5,149,271	4.686.053	3 5.69

					Dotails												
				13 Month	Plant Balance For reco	nciliation											
		Farmers Valley	Harvey Run			Grandview		Conemaugh-		Grandpoint &	Handsome Lake -						
Cabot SS	Armstrong	Capacitor	Capacitor	Doubs SS	Meadowbrook SS	Capacitor	502 Jct Substation	Seward	Luxor	Guilford	Homer City	Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
7,119,671	15,623,574	2,066,954	832,202	4,993,604	61,310,947	657,191	10,780,107	27,412,434	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,671	15.623.574	2.066.959	832.202	5.037.644	61.315.377	657,191	10.791.881	27.412.434	1,199,446	1.781.380	12.863.994	36.258.335	3.327.672	569.408	43,993,222	4.942.684	438.837
7,119,671	15,623,574	2,066,959	832,202	5,037,644	61,318,340	657,191	10,792,209	27,412,434	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,671	15,623,574	2,066,959	832,202	5,037,644	61,321,444	657,191	10,792,219	27,412,434	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,671	15,623,574	2,066,959	832,202	5,037,644	61,363,310	657,191	10,792,244	27,412,434	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,671	15,623,574	2,067,321	832,202	5,037,644	61,684,515	657,191	10,793,546	27,412,434	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,671	15,623,574	2,067,080	832,202	5,037,644	61,684,884	657,191	10,793,546	27,412,434	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,671	15.623.574	2.067.080	832.202	5.037.644	61,688,788	657,191	10.797.221	27.412.434	1,199,446	1.781.380	12.863.994	36.258.335	3.327.672	569.408	43,993,222	4.942.684	438.837
7,119,470	15,623,574	2,067,080	832,202	5,037,644	61,688,516	657,191	10,795,834	27,712,963	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,470	15,623,574	2,067,080	832,202	5,037,644	61,697,129	657,191	10,795,834	27,749,628	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,470	15,623,574	2,067,786	832,202	5,037,644	61,698,137	657,191	10,288,483	27,749,628	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,470	15,623,574	2,067,321	832,202	5,037,644	61,699,256	657,191	13,856,336	27,749,628	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7,119,470	15,623,574	2,067,321	832,202	5,037,644	61,700,885	657,191	14,045,826	27,749,628	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,83
7,119,593	15.623.574	2.067.143	832.202	5.034.256	61.551.656	657,191	11.239.637	27,539,303	1,199,446	1,781,380	12,863,994	36,258,335	3.327.672	569,408	43.993.222	4,942,684	438.83

Moshannon	Waldo Run F	Four Mile Junction	West Union SS	Shuman HillMobley	Bartonville	Squah Hollow SS	Squab Hollow SVC		Claysburg Ring Bus	Johnstown SS Canacitor	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainshurn SS	Yeagertown	Nyswaper	Oak Mound	Joffre SS	Frie South	Farmers Valley Substation	Richwood Hill	Damageur SS	Warren Substation	Piercebrook SS	Total
		COL HINE DURINGEN		(Home in the second sec				oningatown													COMPANY	North Ood The			T INTONIOUR DD	
7,527,658	56,430,354	9,675,061	891,283	1,525,229	692,272		31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,039,738	2,268,540	38,297,866	24,416,851	1,135,027	936,604	108,659,987	47,495,352	46,533,012	39,291,847	74,201,465	1,246,287	24,033,255		2,048,762,165.98
7,527,658	56,680,339	9,675,061	891,283	1,525,229	692,272	18,699,687	31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,041,760	2,268,540	38,297,866	24,401,163	1,135,027	936,604	108,959,566	47,488,953	46,543,461	39,307,504	74,265,174	1,250,428			2,049,448,619.55
7,527,658	56,532,699	9,675,061	891,283	1,572,717	692,272		31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,055,597	2,268,540	38,297,866	24,406,215	1,135,027	936,604	109,046,687	47,484,077	46,550,422	39,310,412	74,268,733	1,251,872	24,032,499		2,049,501,690.49
7,527,658	56,583,908	9,675,061	891,283	1,572,717	692,272	18,699,687	31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,056,477	2,268,540	38,297,866	24,406,215	1,135,027	936,604	109,120,226	47,509,896	46,553,376	39,316,498	74,275,504	1,251,872	24,035,828		2,050,368,549.90
7.527.658	56.610.562	9.675.061	891.283	1.572.717	692.272	18,700,194	31.318.256	1.754.277	7,730.920	1.368.881	885.549	17.057.082	2.268.540	38,182,440	24.406.597	1.135.027	936.604	109.300.568	47.510.181	46.553.152	39.325.591	74.296.100	1.251.986	24.036.426		2.050.293.344.45
7,527,658	56,728,591	9,675,061	891,283	1,572,717	692,272	18,700,194	31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,065,298	2,268,540	38,182,440	24,406,597	1,135,027	936,604	109,482,551	47,510,673	46,554,373	39,329,242	74,309,613	1,251,986	24,037,457	9,403,242	2,060,341,438.12
7.527.658	56,790,214	9.675.061	891.283	1.572.717	692.272	18,700,194	31.318.256	1.754.277	7,730.920	1.368.881	885.549	17.048.663	2.268.540	38,182,440	24.406.597	1.135.027	936.604	109.560.806	47.510.635	46.559.483	39.329.780	74.333.610	1.258.605	24.038.961	9,703,146	2.050.982.894.70
7.527.658	56.832.139	9.675.061	891.283	1.572.717	692.272	18 700 194	31,318,256	1.754.277	7,730,920	1 368 881	885.549	17 049 178	2.268.540	38,182,440	24.406.597	1.135.027	936.604	109.727.376	47 510 590	46 559 917	39 554 886	74.352.265	1 258 969	24 005 909	10 124 575	2.061.867.775.71
7.527.658	56,856,183	9.675.061	891,283	1.545.412	692.272		31,318,256	1 754 277	7,730,920	1 368 881	885.549	17.049.289	2.268.540	38,182,440	24.406.615	1.135.027	936.604	109.112.553	47.512.850	46,560,112	39.333.228	74.341.189	1 258 969	23,979,755	10 232 522	2.061.536.789.61
7.527.658	56.876.544	9.675.061	891,283	1.545.412	692.272	18 700 194	31,318,256	1.754.277	7,730,920	1 368 881	885.549	17.049.298	2.268.540	38,182,440	24,406,615	1.135.027	936.604	109.421.864	47 513 975	46 558 530	39 331 133	74.342.425	1 258 969	23 977 870	10 335 911	2.062.025.865.28
7.527.658	56.879.461	9.675.061	891,283	1.545.412	692.272	18,700,194	31,318,256	1.754.277	7,730,920	1 368 881	885.549	17.049.298	2.268.540	38,181,684	24.406.615	1.135.027	936.641	109.727.407	47.517.799	46,560,417	39.329.041	74.359.095	1,258,969	23,982,994	10 234 429	2.061.751.629.24
7,527,658	56 898 264	9 675 169	891,283	1.490.386	692.272	19 700 104	31,318,256	1 754 277	7 730 920	1 368 881	885.549	17 049 298	2 268 540	38,181,684	24,406,615	1,135,027	936.641	109,684,041	47 520 212	46,561,040	39.329.142	74,360.037	1 258 969	23,982,994	10 254 719	2.065.287.357.59
1,327,000	56,030,204	2,675,160	001,203	1,490,300	632,272	18,700,194	31,310,290	1,754,211	1,730,920	1,300,001		17,049,298	2,200,040			1,135,027		-09,084,041	-1,520,313	-0,061,040	55,329,142	14,360,037	7,258,969	A.3,302,394	10,204,719	
1,527,658		9,675,169		1,490,386	692,272	18,700,194	31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,051,809	2,268,540	38,181,684	24,406,615		936,641	109,702,735	41,527,235	46,559,408	39,329,186	14,371,634	1,258,969	23,983,202	10,252,935	2,064,865,510.08
7,527,658	56,738,307	9,675,077	891,283	1,546,444	692,272	18,700,038	31,318,256	1,754,277	7,730,920	1,368,881	885,549	17,050,984	2,268,540	38,217,781	24,406,916	1,135,027	936,613	109,346,644	47,508,656	46,554,362	39,339,807	74,313,603	1,255,142	24,012,189	6,195,498	2,057,464,125.44

EXHIBIT NO. TRC-203 ATTACHMENT H-18A Page 16 of 52

Trans-Allegheny Interstate Line

				Att	achment 5 - Cost Sup
					Link to Appendix A, line
				Link to Appendix A. line 15	15
	Calculation of Distribution Plant In Service	Source			
	December	p206.75.b	For 2017		
	January	company records	For 2018		
	February	company records	For 2018		
	March	company records	For 2018		
	April	company records	For 2018		
	May	company records	For 2018		
	June	company records	For 2018 For 2018		
	July	company records			
	August	company records	For 2018 For 2018		
	September	company records			
	October	company records	For 2018		
	November	company records	For 2018		
	December	p207.75.g	For 2018		
	Distribution Plant In Service				
	Calculation of Intanoible Plant In Service	Source			
	December	n204.5 h	For 2017	21.131.450	
	December	p205.5.g	For 2018	32 459 305	32 459 305
18	Intangible Plant In Service	0203.0.0	PUI 2010	26 795 378	32,459,305
	intelligence i talle in dervice			20,195,910	Link to Appendix A. line
				Link to Appendix A, line 18	18
	Calculation of General Plant In Service	Source			
	December	n206.99.h	For 2017	61 596 454	
	December	n207.99.0	For 2018	64 630 345	64 630 345
8	General Plant In Service	PROFILE STOLEN	1012010	63,113,400	64,630,345
					Link to Appendix A, line
				Link to Appendix A. line 18	18
	Calculation of Production Plant In Service	Source			
	December	p204.46b	For 2017		
	January	company records	For 2018		
	February	company records	For 2018		
	March	company records	For 2018		
	April	company records	For 2018		
	May	company records	For 2018		
	June	company records	For 2018		
	July	company records	For 2018		
	August	company records	For 2018		
	September	company records	For 2018		
	October	company records	For 2018		
	November	company records	For 2018		
			For 2018		
	December	p205.46.a	P01 2018		
	December Production Plant In Service	p205.46.a	P01 2018		
6		5205.46.0	P012018	2,147,372,902	2,161,955,160
6	Production Plant In Service		P012018		Link to Appendix A, line

EXHIBIT NO. TRC-203 ATTACHMENT H-18A Page 17 of 52

Trans-Allegheny Interstate Line Company

Attachment 5 - Cost Support

art A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions																	_
			13 Month Balance for Reconciliation	EOY Balance for Estimate													
							502 Junction - Territorial			Meadowbrook		Bedington	Meadowbrook				
Calculation of Transmission Accumulated Depreciation	Source				Black Oak	Wylie Ridge	Line	Potter SS	Osage Whiteley	Transformer	North Shenandoah	Transformers	Capacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	Doubs #
December	Prior year FERC Form 1 p219.25.b	For 2017	214.622.366		13.543.183	(895.218)	145.511.619	173.675	2.568.999	1.571.867	281.970	1.436.287	1.165.320	6.827.873	698.928	567.511	_
January	company records	For 2018	218,241,217		13.658.525	(847.129)	147.240.021	176.541	2.616.565	1.586.030	285.337	1.449.803	1.177.410	6.897.132	706.836	574.407	
February	company records	For 2018	221,765,422		13,773,910	(799,040)	148,908,741	179,406	2,664,111	1,588,890	288,704	1,463,319	1,189,500	6,968,407	714,743	581,342	7
March	company records	For 2018	225,552,954		13.889.481	(750.951)	150.840.540	182.271	2.711.677	1.603.033	292.071	1.476.838	1.201.590	7.035.671	722.188	588.270	<i>.</i>
April	company records	For 2018	229.216.176		14.005.266	(702.862)	152.638.472	185.138	2,759,245	1.617.176	295.438	1,490,352	1.213.680	7.104.933	730.095	595.189	1
May	company records	For 2018	232,254,072		14,121,118	(654,773)	153,798,361	188,002	2,806,813	1,631,319	298,804	1,503,868	1,225,771	7,174,215	738,003	602,108	5
June	company records	For 2018	235.778.715		14,236,999	(606.685)	155.437.990	190.867	2.854.383	1.645.462	302.171	1.517.384	1.237.861	7.243.498	745.910	609.028	6
July	company records	For 2018	239.393.690		14,352,881	(558,596)	157,166,734	193,732	2,901,954	1,659,605	305,538	1,530,900	1,249,951	7,312,782	753,818	615,947	/
August	company records	For 2018	242.188.569		14.468.763	(510,507)	158.926.041	196,598	2,949,525	1.673.748	308,905	1.544.417	1.262.041	7.382.065	761.725	622.866	6
September	company records	For 2018	245.826.633		14,584,645	(462,418)	160.677.700	199.463	2,997.096	1.687.895	312.272	1.557.933	1.274.131	7.451.349	769.633	629.786	5
October	company records	For 2018	249.483.379		14,700,527	(414,329)	162,447,307	202,328	3,044,670	1,702,047	315,639	1,571,449	1,286,221	7,520,633	777,541	638,705	5 - E
November	company records	For 2018	253.011.972		14.816.409	(366.240)	164.143.582	205.193	3.092.245	1.716.199	319.005	1.584.965	1.298.312	7,589,916	785.448	643.625	
December	p219.25.b	For 2018	256 283 793	256.283.793	14 932 722	(318 151)	165 527 638	208.059	3 139 821	1 730 351	322 372	1 598 481	1 310 402	7 659 200	703 356	650 544	6
Transmission Accumulated Depreciation			235.662.997	256,283,793	14,237,264	(606.685)	155.635.596	190.867	2.854.393	1.647.202	302,171	1.517.384	1,237,861	7.243.513	746.017	609.025	_

					Details												_
				13 Mon	th Balance For Reconc	liation											
		Farmers Valley	Harvey Run			Grandview		Conemaugh-		Grandpoint &	Handsome Lake -						
Cabot SS	Armstrong	Capacitor	Capacitor	Doubs SS	Meadowbrook SS	Capacitor	502 Jct Substation	Seward	Luxor	Guilford	Homer City	Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
883,054	1,173,671	77,918	66,263	401,602	4,502,751	58,865	627,016	2,092,223	83,498	132,437		2,656,827	245,636	40,594	3,265,069	362,193	31,27
895.514	1.201.382	79.558	67.719	410.287	4.608.994	60.016	637.394	2.145.778	85.611	135.542		2.720.279	251.459	41.591	3.342.057	370.843	32.0
907,974	1,229,094	81,199	69,176	418,972	4,715,237	61,167	647,771	2,199,333	87,723	138,648		2,783,731	257,282	42,587	3,419,045	379,492	32,8
920.434	1.256.805	82.840	70.632	419.218	4.821.480	62.318	658.149	2.252.888	89.835	141.754	1.080.673	2.847.183	263.108	43.584	3.496.033	388.142	33.5
932.894	1.284.517	84.481	72.088	427.903	4.927.724	63.469	668.527	2.306.444	91.947	144.860	1.103.721	2.910.635	268.929	44.580	3.573.022	396.792	34.3
945,354	1,312,228	86,122	73,545	436,588	5,033,967	64,620	678,904	2,359,999	94,059	147,968	1,126,769	2,974,087	274,753	46,577	3,650,010	405,441	35,1
957.814	1.339.940	87.763	75.001	445.273	5.140.210	65.771	689.282	2.413.554	96.171	151.072		3.037.539	280.576	46.573	3.728.998	414.091	35.8
970,274	1,387,651	89,404	76,457	453,958	5,246,454	68,922	699,680	2,467,110	98,283	154,178	1,172,865	3,100,991	288,400	47,570	3,803,986	422,741	36,6
941,505	1,395,363	91,045	77,914	462,643	5,352,697	68,074	710,037	2,520,928	100,395	157,284	1,195,913	3,164,443	292,223	48,568	3,880,974	431,391	37,4
953.965	1.423.074	92.686	79.370	471.328	5.458.940	69.225	720.415	2.575.041	102.507	160.389	1.218.961	3.227.895	298.046	49.563	3.957.962	440.040	38.1
966,424	1,450,788	94,326	80,826	480,013	5,565,183	70,376	730,793	2,629,187	104,619	163,495	1,242,009	3,291,347	303,870	50,559	4,034,950	448,690	38,5
978,884	1,478,497	95,967	82,283	488,698	5,671,427	71,527	741,170	2,683,332	106,732	166,601	1,265,057	3,354,799	309,693	51,556	4,111,939	457,340	39,
991.344	1.508.209	97.608	83.739	497.383	5.777.670	72.678	751.548	2.737.477	108.844	169.707	1.288.106	3.418.252	315.517	52.552	4.188.927	465.989	40.
941.956	1.339.940	87,763	75.001	447.220	5,140,210	65,771	689,282	2,414,100	96,171	151.072	1,149,817	3.037.539	280,576	46,573	3,726,998	414.091	35.8

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									Clavsburg Ring	Johnstown SS											Farmers Valley					
Moshannon	Waldo Run	Four Mile Junction	West Union SS St	uman Hill/Mobley	Bartonville	Squab Hollow SS S	quab Hollow SVC	Shingletown	Bus	Capacitor	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Substation	Richwood Hill	Damascus SS	Warren Substation	Piercebrook SS	Total
427,513	4,084,667		58,042	129,153	27,386	1,116,287	2,109,387	105,464	415,353	70,024	29,075	902,567	114,806	1,781,773	905,372	50,866	40,287	2,782,201	879,041	2,201,052	1,275,056	2,031,365	15,217	273,742		214,622,366
440.686	4.232.651	602.768	59.602	131.837	28.598	1.158.475	2.188.231	109.142	428.952	72.419	30.017	943.487	118.723	1.848.794	940.347	52.852	41.926	2.953.702	983.105	2.315.695	1.344.389	2,185,686	17.402	315.805	100 C	218.241.217
453,859	4,358,687		61,161	134,583	29,809	1,196,663	2,263,074	112,819	442,552	74,815	30,959	984,442	122,641	1,915,815	975,312	54,838	43,585	3,125,268	1,087,160	2,430,359	1,413,737	2,340,032	19.592	357.868		221.765.422
467.033	4.480.594	634.553	62.721	137.330	31.020	1.238.852	2.339.918	116.497	456.151	77.210	31.901	1.025.439	126.558	1.982.836	1.010.281	58.825	45.204	3.296.701	1.191.210	2.545.035	1.483.093	2.494.403	21.782	399.934	100 C	225.552.954
480.206	4.604.593		64.281	140.097	32.232	1.277.040	2.416.761	120.174	469.751	79.606	32.844	1.066.462	130.476	2.049.757	1.045.251	58.811	46.843	3.468.331	1.295.261	2.659.714	1.552.462	2.648.797	23.973	442.004		229.216.176
493,380	4,728,724	686,339	65,840	142,884	33,443	1,317,229	2,493,605	123,852	483,350	82,001	33,786	1,107,516	134,394	2,118,576	1,080,222	60,797	48,482	3,640,253	1,399,312	2,774,395	1,621,842	2,803,220	28,164	484,075	8,228	232,254,072
506.553	4.853.021	682.232	67.400	145.631	34.655	1.357.419	2.570.449	127.529	498.950	84.397	34.728	1.148.572	138.311	2.183.395	1.115.192	62.783	50.121	3.812.446	1.503.363	2.889.084	1.691.226	2.957.674	28.361	526.149	24.946	235.778.715
519,726	4,977,412	698,125	68,960	148,398	35,866	1,397,608	2,647,292	131,207	510,549	88,792	35,670	1,189,615	142,229	2,250,215	1,150,162	64,770	51,760	3,984,917	1,607,415	3,003,779	1,760,808	3,112,163	30,564	568,195	42,295	239.393.690
532,900	5,101,884	714,017	70,520	148,538	37,078	1,437,797	2,724,138	134,884	524,149	89,188	38,612	1,230,679	146,147	2,317,034	1,185,132	68,756	53,399	3,349,821	1,711,468	3,118,478	1,830,393	3,268,658	32,767	610,189	60,108	242,188,569
546.073	5.228.357	729.910	72.079	151,255	38,289	1.477.988	2.800.979	138.562	537,748	91.584	37.555	1.271.765	150.064	2,383,853	1.220.103	68.742	55.038	3.521.430	1.815.524	3.233.170	1.899.781	3.421.144	34,970	652.159	78.105	245.826.633
559,247	5,350,872	745,803	73,639	153,975	39,501	1,518,175	2,877,823	142,239	551,348	93,979	38,497	1,312,854	153,982	2,450,672	1,255,073	70,729	56,678	3,693,688	1,919,584	3,347,865	1,969,165	3,575,645	37,173	694,133	96,104	249.483.379
572.420	5.475.407	761.696	75,199	101.621	40.712	1.558.364	2.954.666	145,917	564.947	96.375	39,439	1.353.947	157,899	2,517,490	1.290.043	72.715	58.317	3.866.220	2.023.650	3.462.563	2.038.548	3,730,161	39.377	736.110	114.032	253.011.972
585.593	5.599.960	777.589	76.759	104.244	41.924	1.598.554	3.031.510	149.594	578.547	98.770	40.381	1.395.044	161.817	2.584.308	1.325.014	74,701	59.956	4.038.734	2.127.724	3.577.260	2.107.930	3.884.687	41.580	778.088	131.976	256.283.793
506,553	4,851,753	682,232	67,400	136,116	34,655	1,357,419	2,570,449	127,529	496,950	84,397	34,728	1,148,645	138,311	2,183,271	1,115,193	62,783	50,121	3,502,593	1,503,371	2,889,111	1,691,418	2,957,817	28,379	526,035	42,753	235,662,997

EXHIBIT NO. TRC-203 ATTACHMENT H-18A Page 20 of 52

Trans-Allegheny Interstate Line

			Att	achment 5 - Cost Supp Link to Appendix A, line
			Link to Appendix A. line 23	Link to Appendix A, line
Calculation of Distribution Accumulated Depreciation	Source		Link to Abbendix A. Inte 15	
December	Prior year FERC Form 1 p219.26.b	For 2017	100 C	
January	company records	For 2018	100 C	
February	company records	For 2018	100 C	
March	company records	For 2018	100 C	
April	company records	For 2018	100 C	
May	company records	For 2018	100 C	
June	company records	For 2018	100 C	
July	company records	For 2018	100 C	
August	company records	For 2018		
September	company records	For 2018		
October	company records	For 2018		
November	company records	For 2018		
December	p219.26.b	For 2018		
Distribution Accumulated Depreciation	persecto	1012010		
Calculation of Intanoible Accumulated Depreciation	Source Prior year FERC Form 1 p200.21.b	For 2017	12.460.765	
December	p200.21b	For 2018	12,460,765	14.250.801
Accumulated Intanoible Depreciation	0200.210	PUI 2018	13.355.783	14.250.801
				Link to Appendix A, line
			Link to Appendix A. line 25	25
			Link to Abbendix A. line 25	
Calculation of General Accumulated Depreciation	Source			
December	Prior year FERC Form 1 p219.28b	For 2017	9,930,498	
December December		For 2017 For 2018	9,930,498 9,882,707	9,882,707
December	Prior year FERC Form 1 p219.28b		9,930,498	9,882,707
December December Accumulated General Depreciation	Prior year FERC Form 1 p219.28b		9,930,498 9,882,707	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulated General Depreciation	Prior year FERC Form 1 p219.28b p219.28.b Source	For 2018	9,930,498 9,882,707 9,906,603 Link to Appendix A. line 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulated General Depreciation Calculation of Production Accumulated Depreciation December	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b	For 2018 For 2017	9,930,498 9,882,707 9,905,603	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulated General Depreciation Calculation of Production Accumulated Depreciation December January	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b company records	For 2018 For 2017 For 2018	9,930,498 9,882,707 9,906.603 Link to Appendix A. line 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December January Eraboary	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b company records	For 2018 For 2017 For 2018 For 2018	9,930,498 9,882,707 9,906,603 Link to Appendix A. line 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December Janany March	Pior year FERC Form 1 p219.28b p219.28.b Source Pior year FERC Form 1 p219.20.b-24.b company records company records	For 2018 For 2017 For 2018 For 2018 For 2018	9,930,498 9,882,707 9,906.603 Link to Appendix A. line 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulated General Depreciation Calculation of Production Accumulated Depreciation December January March April	Pior year FERC Form 1 p219.28b p2019.28.b Source Piorysey records company records company records company records company records	For 2018 For 2017 For 2018 For 2018 For 2018 For 2018	9,930,498 9,882,707 9,905,603 Link to Appendix A. line 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December Fabruary Fabruary April March	Pior year FERC Form 1 p219.28b p219.28.b Source Pior year FERC Form 1 p219.20.b-24.b company records company records	For 2018 For 2017 For 2018 For 2018 For 2018	9,930,498 9,882,707 9,906,603 Link to Appendix A. line 24	9,882,707 9.882,707 Link to Appendix A, line
Docenter Decenter Accumulated General Depreciation Accumulated General Depreciation Socialization So	Pior year FERC Form 1 p219.28b p219.28.b Source Pior year FERC Form 1 p219.20.b-34.b company records company records company records company records	For 2018 For 2017 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018	9.930.498 9.882.707 9.906.603 Link to Appendix A. line 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulation Advanced Depreciation December of Production Accumulated Decreciation December D	Price year FERC Form 1 p219.28b p219.28b Source Price year FERC Form 1 p219.20.b.24.b company records company records company records company records company records company records company records company records	For 2018 For 2017 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018	9.930.498 9.882.707 9.906.603 Link to Appendix A. line 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulation General Depreciation Calculation of Production Accumulated Decreciation Database Pathanay Rebanay Alay Jura Jura Segunt an Segunt an Segunt an	Prior year FERC Form 1 p219.28b p219.28b Source Company Records Company records	For 2018 For 2017 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018	9.330,498 9.882,077 9.306,603 Link to Accendix A. line 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulated General Depreciation Secondarian Production Accumulated Depreciation Secondarian Factory Factory Factory April May April Agrid Agrid Agrid Agrid Agrid Secondarian	Prior year FERC Form 1 p219.28b p219.28b Source Prior year FERC Form 1 p219.20 b.94 b company records company records company records company records company records company records company records company records company records company records	For 2018 For 2017 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018	9,030,498 9,982,707 9,982,603 Link to Accendix A. Ihe 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulation General Depreciation December December Jannay March Asian Asian Asian Asian Asian Asian Bagian Ba	Pior yaar FERC Form 1,219.28b p219.28 b Soarce Pior yaar FERC Form 1,219.20b.24.b company records company records	For 2018 For 2017 For 2018 For 2018	9.330,498 9.882,077 9.306,603 Link to Accendix A. line 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accentation General Depreciation Controller of Production Accumulated Decredution December Accumulation of Production Accumulated Decredution December Accumulation December Accumul	Prior year FERC Form 1 p219.28b p219.28b Source Prior year FERC Form 1 p219.20 b.94 b company records company records company records company records company records company records company records company records company records company records	For 2018 For 2017 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018 For 2018	9,030,498 9,982,707 9,982,603 Link to Accendix A. Ihe 24	9,882,707 9.882,707 Link to Appendix A, line
December December Accumulation General Depreciation December December Jannay March Asian Asian Asian Asian Asian Asian Bagian Ba	Pior yaar FERC Form 1,219.28b p219.28 b Soarce Pior yaar FERC Form 1,219.20b.24.b company records company records	For 2018 For 2017 For 2018 For 2018	9,930,498 9,827,07 9,945,603 Link to Assendix A. Iine 24	9,882,707 9.882,707 Link to Appendix A, line
December December Archarded General Depreciation Control of Production Accumulated Decrectation December Statustical Accumulation Statustical Accumulation Acquired A	Pilor yaw FREC From 1 p219.28b p2112.2b Source Processory FREC From 1 p219.20b.94b Processory FREC From 1 p219.20b.94b compary records compary	For 2018 For 2017 For 2018 For 2018	9,933,498 9,987,207 19,966,603 Link to Accendix A. line 24	9.882,707 9.882,707 Link to Appendix A, tine 24
December December Accentation General Depreciation Controller of Production Accumulated Decredution December Accumulation of Production Accumulated Decredution December Accumulation December Accumul	Pior yaar FERC Form 1,219.28b p219.28 b Soarce Pior yaar FERC Form 1,219.20b.24.b company records company records	For 2018 For 2017 For 2018 For 2018	9,930,498 9,827,07 9,945,603 Link to Assendix A. Iine 24	9,882,707 9.882,707 Link to Appendix A, line

	At	tachment 5 - Cost Support				
Electric / Non-electric Cost Support						
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and I	nstructions	Form 1 Amount	Electric Portion	Non-electric Portion	Details	
Mathrish and Supplies 40 Transmission Mathrish & Supplies 11 Undrichweit Solome Exercise Allocated General Exercises 51 Proven Property Undric Capital Lasses	p227.8 p227.16 0 p200.4.c	Beg of year End c	of Year (for estimate)	Average of Beginning and Ending Balances	-	
Transmission / Non-transmission Cost Support						
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and I	nstructions	Beg of year End o	of Year (for estimate)	Average of Beginning and Ending Balances	a Daan	
34 Transmission Related Land Held for Future Use	Total Non-transmission Related Transmission Related			-	Enter Details Non	
CWIP & Expensed Lease Worksheet		•				
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and I	nstructions	Beg of year CW	IIP In Form 1 Amount	Expensed Lease in Form 1 Amount	st Death	
Plant Allocation Factors 6 Electric Plant in Service Plant III Service	(Note B) Attachment 5	2,131,490,070				
15 Transmission Plant In Service Accumulated Depreciation 23 Transmission Accumulated Desreciation	(Note B) Attachment 5 (Note B) Attachment 5	2,048,762,166	-			
Pre-Commercial Costs Capitalized	(Note b) Materiment b	10021000				
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and I	nstructions	EDY for Estimate and BDY Am for Final	ortization Amount Calc (Over 4 Years)	Average of Beginning and Ending Balances culated End of Year (for estimate and Balance reconciliation)		
35 Unamortized Capitalized Pre-Commercial Costs		s - s	. S	. s .		
EPRI Dues Cost Support						
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Inst Allocated General & Common Expenses 58 Less EPRIDues	(Note D) p352 & 353	Beg of year 0	EPRI Dues 0		Details Enter Details Hore	
Regulatory Expense Related to Transmission Cost Support						
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and a Directly Assigned A&G	nstructions	Form 1 Amount Tr	N ransmission Related	en-transmission Related		
62 Regulatory Commission Exp Account 928	(Note G) p323.189.b			Link to Appendix A, line . 62	o Enter Details Here	
Safety Related Advertising Cost Support						
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and li Directly Assigned A&G	nstructions	Form 1 Amount	Safety Related No	on-safety Related	Deals	
66 General Advertising Exp Account 930.1	(Note F) p323.191.b			Link to Appendix A, line . 66	e Entir Details Here	

MultiState Workpaper	Attachment 5 - Cost Support
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions Income Tax Rates	Bases* Bases 3 Bases 4 Bases 5 Details D0 L25% WK 55% PK 59% VA 65% Details
	Composite Composite is calculated based on sales, payroll and property for each jurisdiction
110 SIT#State Income Tax Rate or Composite (Note H)	7.620%
ducation and Out Reach Cost Support Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Tem Lanual Resolute Datasch Datas
Directly Assigned A&G	
63 General Advertising Exp Account 930.1 (Note J) p323.191.b	· · · · Etter Debils Here
ixcluded Plant Cost Support	Pack of Parameteria
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Except Information Failles Description of the Facilities
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities 126 Excluded Transmission Facilities (Note L)	General Description of the Facilities
Step-Up Facilities	
Instructions:	Enter \$
 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	Or Entre \$
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 mon lines I necesary
repayments	
Pigad Pauson F not include in Pigayment Tool Payment etail of Account 566 Miscellaneous Transmission Expenses	0 0 100% 0 237,447 1,000 113,364 110,364
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Total Deals
70 Amortization Expense on Pre-Commercial Cost	S - Summary of Pre-Commercial Expenses
71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	1,202,319 Cost Element Name Total
Total Account 566 Miscellaneous Transmission Expenses p.321.97.b	\$ 1,202,319
	Lator & Ownhadd (1) - Management (1) - Management (2) - M
	Outroid serves togi (1) Outroid serves togi (2)
	Outside Services Rates (5) -
	Avertarg (6) - Travel, Ledge park Meaks (7) -
	Total -
	(1) Labor & overhead amount includes costs allocated to preparation of the preliminary survey and investigation.
	(2) Macellances amount includes small by clusters the appartent totaliset to gen houses, FrietZ. Near for values among from Lags/ Procurrent, Transmission Finance, here for values
	conference calls and P.M application fee.
	(2) Outside legitle privations includes the cost for research and preparation of the lifety to determine incontrive rates availability.
	(4) Other services often includes leader of twolks development, model initiations services, company management, oper houses and measureh annivos.
	(5) Dutside services rates includes the advice of a rate consultant regarding rate design.
	(6) Advertising includes newspace and other media amouncements of public scoping meetings related to the proposed project.
	(7) Travel, beging and meaks are the direct expenses for Allegheny shift to attend the scoping meetings.
Net Revenue Requirement	
149 Facility Credits under Section 30.9 of the PJM OATT	

Attachment 5 - Cost Support

				Survivor	Net Salvage	Accrual Rate (Annual)											
RANSMISSION PLANT		Life		Curve	Percent	Percent	Black Oak	Wylie Ridge		Meadowbrook Transformer	North Shenandoah	Bedington Transformer	Meadowbrook Capacitor	Kammer Transformers	Doubs Replacement Transformer #2	Doubs Replacement Transformer #3	Doubs Repla Transform
50.2	Land & Land Rights - Easements	70	-	R4		143			2,474,480								
12	Structures & Improvements SVC	50 35	-	R3	(10)	1.43 2.20 2.86	16,761		1,358,312								
53	Station Equipment						1,372,778	577,067	822,978	169,777	40,402	162,194	145,082	831,327	94,890	83,033	
	Other	50	-	R2	(5)	2.10											
	SVC	Note 1		80 R2 - 35-vr truncation		2.96											
	SCADA	15	-	S3	0	6.67											
54	Towers & Fixtures	65	-	R4	(25)	1.92			7,291,945								
55	Poles & Fixtures	55	-	R2.5	(20)	2.18			2,908,959								
56	Overhead Conductors & Devices																
	Other	55		R2.5	(40)	2.80			5.312.683								
	Clearing	70	-	R4	0	1.43			1,077,525								
57	Underground conduit	55		S3	(5)	1.91											
58	Underground conductor and devices	45		R3	(5)	2.33											
	SVC	35				2.86											

						Annu	al Depreciation Exp	ense					
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 Lak Homer City
152	281		14,882	326 2,506	1,255				124,532	2,668	3,450		
149,366	13,533	34,383	110,514	329,706	18,435	17,476	104,220	1,274,919		249,150	21,896	37,270	
			96,590							8,428			3
			348,835							385,009			4
149,518	13,814	34,383	570,821	332,538	19,691	17,476	104,220	1,274,919	124,532	645,255	25,345	37.270	276

Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road	Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman HillMobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor
							84,630	6,328		2,078		153,903			18,586	
761,425	69,881	11,958	923,858	103,795	9,216	158,081	1,296,406	184,385	18,717	30,620	14,538	328,364	922,123	44,130	144,608	28,74
							80,158									
							30,034									
761,425	69,881	11,958	923,858	103,796	9,216	158,081	1,491,227	190,714	18,717	32,698	14,538	482,267	922,123	44,130	163,194	28,

Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascas SS	Warren Substation	Piercebrook SS	Tota
113,765 56,592							118,519	12,132	248,484	615,830		37,889		2,591, 2,877,
116,218	47,011	802,535	419,541	23,836	19,669	63,079	1,130,164	1,364,076	584,390	1,237,492	26,362	466,457	131,976	i 18,305
(1,034)						853,489								7,403
206,935						655,604 491,421								391 6.590 1,568
	56,592 116,218 (1,034)	55,582 115,218 47,011 (1.034)	95,92 196,248 47,011 802,536 (1,534)	96,022 196,219 47,011 880,535 499,641 (1,634)	96,022 196,293 47,211 882,055 493,641 20,086 (7,036)	96,022 196,218 47,211 802,005 419,641 23,005 19,669 (1,034)	94,922 116,739 47,511 802,55 419,441 23,856 119,669 63,979 (1,504) 803,469 255,955 804,974	54.52 115.59 156.78 47.511 852.55 419,641 23,556 19,669 43,579 1,132,54 (1.594 53,556 455,64	94,522 116,575 116,575 116,576	94,92 118,519 12,22 34,444 118,519 47,511 82,556 418,641 23,556 116,669 43,571 1,350,64 1,364,576 64,516 (1,204) 850,499 255,95 850,49	94,522 115,579 12,722 244,64 615,550 116,718 47,571 852,555 419,441 23,554 19,669 43,579 1,132,164 1,344,576 344,576 1,327,462 (1,234) 853,555 419,441 23,555 19,669 43,579 1,132,164 1,344,576 344,576 1,327,462 (1,234) 853,555 1000 10,555 10000000000	9.52 115.59 12.12 24.44 615.53 115.71 47.71 852.55 419,641 23,55 19,660 63,677 1351,54 134,676 543,36 1327,467 24,562 (1,254) 853.55 19,660 10,574 1351,54 134,676 543,36 1327,467 24,562 (1,254) 853.69	9.52 18.29 12.12 244.4 95.20 37.89 18.21 47.01 85.25 419.41 23.25 19.66 62.07 132,94 134.09 94.36 1227.42 23.32 46.47 (1.204) 83.49 25.35 69.54	94,92 115,59 17,12 24,64 61,500 27,99 145,78 47,511 82,55 419,41 23,06 19,69 63,279 17,32,64 13,46,76 94,30 (237,40 24,54 13,54 (1,04) 55,49 25,55 55,59

EXHIBIT NO. TRC-203 ATTACHMENT H-18A Page 27 of 52

		Attachment 5	- Cost Support			
GENERAL PLANT		Life	Survivor Curve	Net Salvage Percent	Accrual Rate (Annual) Percent	т
390	Structures & Improvements	50	R1	0	2.00	
391	Office Furniture & Equipment Information Systems	20 10	SQ SQ	0	5.00 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	
398 Total General Plant	Miscellaneous Equipment	15	SQ	0	6.67	
Total General Plant Depreciation Expense $\mbox{ (must tie to p336.10.b & c)}$	1,949,254					
			Survivor	Net Salvage	Accrual Rate (Annual)	
INTANGIBLE PLANT		Life	Curve	Percent	Percent	Т
303	Miscellaneous Intanoible Plant	5	SQ	0	20.00	
Total Intangible Plant Total Intangible Plant Amoritization (must tie to p336.1 d & e)	1.798.331					
rotarmangole Park Anonization (nost lie to pose. Fo & e)	1,750,531					-
These depreciation rates will not change absent the appropriate film	ng at FERC.					
Expenses						
Total PBOP expenses	22.856.433					
Amount relating to retired personnel	8,786,372					
Amount allocated on FTEs Number of FTEs for Allegheny	14,070,061 4.408					
Cost per FTE	4,408					
TrAILCo FTEs (labor not capitalized) current year	0.000					
TrAILCo PBOP Expense for base year						

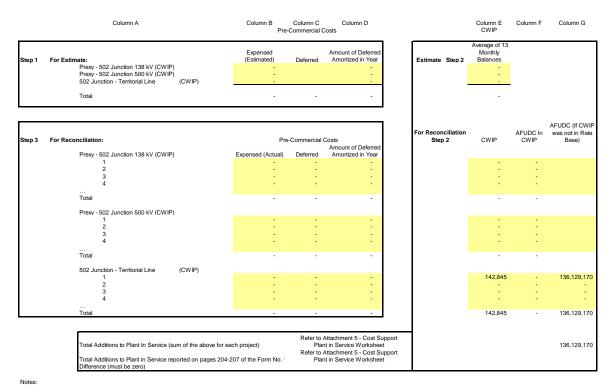
Attachment 5a - Pre-Commercial Costs and CWIP

Step 1 Totals reported below are by project with the amounts to be expensed reported separately from those to be deferred and amontized (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.

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.

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 Step 3 agreeing to FERC Form 1 and Attachment 5.



 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	Allocation
	(Estimated 2/12/2008)	
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	Mor	nth	Year		Action										
Exec Si															
1	AD		Year 2		TO populates the formula	a with Voor 1 data									
2	Ap		Year 2		TO estimates all transmi					historia		ada ha la sasta la V	0		
2	Ap Ap		Year 2		TO adds Cap Adds and				g me average or 13 mon	iniy balances. Cap Adds	are the projects expect	ed to be in service in t	ear 2.		
3							in Formula (Appendix A,	Lines to and 33)							
4	Ma		Year 2		Post results of Step 3 on										
5	Jur	ne '	Year 2		Results of Step 3 go into	effect									
6	Ap		Year 3		TO estimates all transmi										
7	Ap	ril `	Year 3		Reconciliation - TO calcu	lates Reconciliation by p	opulating the 13 monthly	/ plant balances and be	eginning and end of year	balances for the other r	ate base items and the	13 monthly averages for	or CWIP in Reconciliation	n (adjusted to include	any Reconciliation
					amount from prior year).										
8	Ap	ril `	Year 3		Reconciliation - TO adds	the difference between t	the Reconciliation in Step	7 and the forecast in 3	Step 5 with interest to th	e result of Step 7 (this dif	ference is also added to	Step 7 in the subsequ	uent year)		
9	Ma	ay '	Year 3		Post results of Step 8 on	PJM web site									
10	Jur	ne '	Year 3		Results of Step 8 go into	effect									
Recond	illation	n Details													
1	Ap	li li	Year 2		TO populates the formula with	Year 1 data									
						ev Reg based on Year 1 data				Must run Appendix A to get th	is number (without any can a	dds in Annendix A line 16 an	d without CWIP in Annendix A	A line 33)	
2	Ap	li li	Year 2		TO estimates all transmission	Can Adds and CWIP for Year 3	2 based on each project's cost	using the average of 13 mor	nthiv balances. Can Adds are	the projects expected to be in :	vervice in Year 2				
													Г		
				(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)			
												502 Junction - Territorial		Other Projects PIS	
					Richwood Hill	Erie South	Joffre Sub	Oak Mound	Damascus Substation	Warren Substation	Kammer	Line (monthly additions)		(Monthly additions)	Richwood Hill
					(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)			(in service)
			(Prior Year												
			^o) p216.b.43	Actual	-					-					
		Jan 2	018	Actual	63,709	10,449	(6,399)	299,580	4,142	(1,950)	7,660	(37,956)			63,709
		Feb		Actual	3,559	6,962	(4,876)	87,121	1,443	1,194	11,247	6,629			67,268
		Mar		Actual	6.771	2,954	25,819	73.539		3.328	(23,826)	528,780			74,039
		Apr		Budget		35.000		237.047				944,653			74.039
		May		Budget		,		357.090				95,945			74.039
		Jun		Budget				357.090				1.707.012			74,039
		Jul		Budget	-	-	-	30.391	-		-	1,958,492			74,039
								30,391				677.647			74,039
		Aug		Budget								353.671			
		Sep		Budget		-	-	-	-	-	-				74,039
		Oct		Budget		-						335,750			74,039
		Nov		Budget		-	-		-		-	186,565			74,039
		Dec		Budget								33,915			74,039
		Total			74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	6,791,102			871,370
															67.009

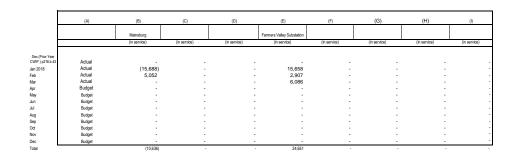
Other Projects PIS (Monthly additions)	Richwood Hill	Erie South	Joffre Sub	Oak Mound	Damascus Substation	Warren Substation	Kammer	502 Junction - Territo Line (monthly addition
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	CWIP
		-	-	-	-		-	
	63,709	10,449	(6,399)	299,580	4,142	(1,950)	7,660	(37,9
	67,268	17,410	(11,275)	386,701	5,586	(756)	18,907	(31,3
	74,039	20,364	14,544	460,239	5,586	2,573	(4,919)	497,4
	74,039	55,364	14,544	697,286	5,586	2,573	(4,919)	1,442,1
	74,039	55,364	14,544	1,054,376	5,586	2,573	(4,919)	1,538,0
	74,039	55,364	14,544	1,411,466	5,586	2,573	(4,919)	3,245,0
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	5,203,5
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	5,881,2
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	6,234,8
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	6,570,6
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	6,757,
	74,039	55,364	14,544	1,441,857	5,586	2,573	(4,919)	6,791,
	871,370	546,500	127,767	12,960,791	65,583	23,020	(22,618)	44,091,
	67,028	42,038	9,828	996,984	5,045	1,771	(1,740)	3,391,6
Appendix A, Line 16)	(Appendix A, Line 16)	(Appendix A, Line 16)	(Appendix A, Line 16)			(Appendix A, Line 33)		

Month End Balances

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	-				Doubs Replace				
		Meadowbrook SS	502 Jct Substation	Black Oak	Transformer #4	Piercebrook Substation	Doubs SS	Bartonville	
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year									
WIP) p216.b.43	Actual								
in 2018	Actual	4,430	11,773	34,996			44,040	0	
eb	Actual	2,963	328	14,856			44,040		
r	Actual	3,104	11	197,155	(8,950)				
	Budget	0,104			(0,000)				
,	Budget					8,649,666			
n	Budget					48,792			
	Budget					3,793			
	Budget					3,793			
5	Budget			234,412		3,793			
t	Budget			839,883		0,700			
v	Budget			12,341					
c	Budget			48,625					
al	Douger	10,498	12,112	1,382,268	(8,950)	8,709,837	44,040	0	
				,,	(1,111)				
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
		Shuman Hill Sub	Farmers Valley Capacitor	Waldo Run SS			Rider		Monocacy
		(in service)							
		(#1 561466)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service
en (Drine Vene		(iii delvice)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service
	Actual	(11 361 11.00)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service
IP) p216.b.43	Actual Actual				(in service)	(in service)		(in service)	(in service
/IP) p216.b.43 2018				249,985	(in service) - -	(in service)	2,022	(in service)	(in service
IIP) p216.b.43 2018	Actual		- 5	249,985 (147,640)	(in service) - - -	-	2,022 13,837	(in service) - - -	(in service
/IP) p216.b.43 b 2018 b r	Actual Actual Actual		- 5	249,985	(in service) - - - -	-	2,022	(in service) - - - - -	(in service
NP) p216.b.43 b 2018 p r	Actual Actual Actual Budget		- 5	249,985 (147,640)	(in service) - - - - -	-	2,022 13,837	(in service) - - - - -	(in service
IIP) p216.b.43 2018 7	Actual Actual Actual Budget Budget		- 5	249,985 (147,640)	(in service) - - - - - -	-	2,022 13,837	(in service)	(in service
MP) p216.b.43 b 2018 b r r y y	Actual Actual Actual Budget Budget Budget		- 5	249,985 (147,640)	(in service) - - - - - - - - -	-	2,022 13,837	(in service)	(in service
IP) p216.b.43 2018 7	Actual Actual Budget Budget Budget Budget		- 5	249,985 (147,640)	(in service) - - - - - - - - - -	-	2,022 13,837	(in service)	(in service
MP) p216.b.43 12018 o r y y	Actual Actual Budget Budget Budget Budget Budget		- 5	249,985 (147,640)	(in service) - - - - - - - - - - - - 	-	2,022 13,837	(in service)	(in service
ec (Prior Year MP) js216.b.43 1.2018 b r r y n 1. 9 p t	Actual Actual Budget Budget Budget Budget Budget Budget		- 5	249,985 (147,640)	(in service) - - - - - - - - - - - - - - - - - - -	-	2,022 13,837	(in service)	(in service
NIP') p216.b.43 1.2018 b r r Y Y 9 9 P t	Actual Actual Budget Budget Budget Budget Budget Budget Budget		- 5	249,985 (147,640)	(in service) - - - - - - - - - - - - - - - - - - -	-	2,022 13,837	(in service)	(in service
NIP) p216.b.43 h 2018 b r r Y h i g p	Actual Actual Budget Budget Budget Budget Budget Budget		- 5	249,985 (147,640)	(in service)	-	2,022 13,837	(in service)	(in service

Other Flojeus Flo				Donne Mehiane				
(Monthly additions)	Meadowbrook SS	502 Jct Substation	Black Oak	Transformer #4	Piercebrook Substation	Doubs SS	Bartonville	0
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	4,430	11,773	34,996			44,040	0	
	7,393	12,101	49,853			44,040	0	
	10,498	12,112	247,007	(8,950)		44,040	0	
	10,498	12,112	247,007	(8,950)		44,040	0	
	10,498	12,112	247,007	(8,950)	8,649,666	44,040	0	
	10,498	12,112	247,007	(8,950)	8,698,458	44,040	0	
	10,498	12,112	247,007	(8,950)	8,702,251	44,040	0	
	10,498	12,112	247,007	(8,950)	8,706,044	44,040	0	
	10,498	12,112	481,419	(8,950)	8,709,837	44,040	0	
	10,498	12,112	1,321,302	(8,950)	8,709,837	44,040	0	
	10,498	12,112	1,333,643	(8,950)	8,709,837	44,040	0	
	10,498	12,112	1,382,268	(8,950)	8,709,837	44,040	0	
	116,799	144,995	6,085,527	(89,505)	69,595,767	528,481	3	
				Month End Balan	ices			
Other Projects PIS (Monthly additions)	Shuman Hill Sub	Farmers Valley Capacitor	Waldo Run SS	0	0	Rider	0	Monocacy
(Moneny additions)					-			(in service)
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(In service)
	-	5	249,985	-		2,022		
	47,488	5	102,345	-		15,859		

522,368	63	1,887,866	•	185,272	0
47,488	5	153,554		16,739	0
47,488	5	153,554		16,739	0
47,488	5	153,554		16,739	0
47,488	5	153,554		16,739	0
47,488	5	153,554		16,739	0
47,488	5	153,554		16,739	0
47,488	5	153,554		16,739	0
47,488	5	153,554		16,739	0
47,488	5	153,554		16,739	0
47,488	5	153,554		16,739	0
47,488	5	102,345		15,859	0
	5	249,985	-	2,022	0



Other Projects PIS								
(Monthly additions)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
	Mainsburg			Farmers Valley Substatio	n			
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	-	-			-	-		
	(15,688)	-		- 15,650				
	(10,636)	-		- 18,565				
	(10,636)	-		- 24,65				
	(10,636)	-		- 24,65				
	(10,636)			- 24,65	-			
	(10,636)			- 24,65	-			
	(10,636)			- 24,65	-			
	(10,636)	-		- 24,65	-			
	(10,636)	-		- 24,65	-			
	(10,636)	-		- 24,65	-			
	(10,636)	-		- 24,65	-			
	(10,636)	-		- 24,65				

3 April Year 2

Year 2

4 May

TO adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33)

		Post results of Step 3 on PJI	I web site																
Wyle	Ridge (Monthly additions)	Black Oak (Monthly additions)	North Shenandoah (Monthly additions)	Meadowbrook Transformer (Monthly additions)	Bedington Transformer (Monthly additions)	Meadow Brook SS Capacitor (Monthly additions)	Kammer Transformers (Monthly additions)	Doubs Transformer #2 (Monthly additions)	Doubs Transformer #3 (Monthly additions)	Doubs Transformer #4 (Monthly additions)	Cabot SS (Monthly Additions)	Hunterstown	Farmers Valley	Harvey Run	Doubs SS	Potter SS (Monthly Additions)	Osage Whiteley (Monthly Additions)	Meadowbrook SS	502 Junction - Territorial Line (Monthly additions)
\$	2,435,994	5,014,684.81	204,599.36	833,407.08	790,935.59	678,187.76	4,104,662	539,936	494,161	614,388	773,198	4,996,778	218,600	94,072	567,498	219,276	2,769,164	6,956,784	120,940,038
5	02 Junction Substation	Waldo Run	Conemaugh	Blairsville	Four Mile Junction	Johnstown	Yeagertown	Grandview Capacitor	Altoona SVC	Luxor	Grandpoint & Guilford	Moshannon	Carbon Center	Shawville	Oak Mound	Shuman Hill	Buffalo Road	Conemaugh Capacitor	Grover SS Capacitor
\$	1,140,693.52	6,699,016.43	3,174,738.95	378,092.61	1,099,555.63	561,857.37	132,255	73,648	4,121,663	136,943	202,169	866,551	64,840	262,390	12,811,042	175,836	49,973	-	96,956
		Handsome Lake - Homer							Johnstown Sub										
	Richwood Hill	City	West Union	Rider Sub (West Milford)	Erie South	Monocacy SS	Bartonville SS Capacitor	Mainsburg SS	Capacitor	Claysburg Ring Bus	Joffre Sub	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswaner	Armstrong	Farmers Valley Substation	Damascus Substation	Warren Substation
\$	9,067,597.78	1,461,844.42	102,043.14	2,061,003.28	5,810,927.43	4,455,899.84	79,200	2,751,235	158,636	894,705	5,517,309	2,240,649	3,843,085	209,068	109,303	1,777,566	4,621,661	138,832	2,649,932

Total	Revenue Requirement
\$	233,780,444.15

Piercebrook Substation Joffre Substation S1041

535,366

5 June Year 2 Results of Step 3 go into effect

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 be in service in Year 3. 6 April Year 3

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
									502 Junction - Territoria
		Richwood Hill (in service)	Erie South (in service)	Joffre Sub (in service)	Oak Mound (in service)	Damascus SS	Warren SS (in service)	Kammer SS (in service)	Line (monthly additions (in service)
		(In service)	(in service)	(IT SERVICE)	(in service)	(in service)	(In service)	(in service)	(in service)
'ear									
b.43	Actual Actual	- 1,006	-	- 29	- (3,362)		-	-	(812,095
	Actual	940	212	3,450					28.310
	Actual	940	84	29					14,497
	Actual	940	1,002	889				-	23,185
	Budget				629,365				1,680,941
	Budget				863,547			-	283,923
	Budget				863,547				2,12
	Budget			-	585,456	-	-	-	1
	Budget		-	-	526,910	-	-	-	4
	Budget	-						-	(
	Budget	-		-			-	-	(
	Budget			-					(
		3,826	1,298	4,396	3,897,240	-			1,220,898
ssion Plant	t Additions for Year 3 (13 n	nonth average balance)							
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
			502 Jct Substation	Black Oak					Wyle Ridge
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
ar 42	Ashial								
.43	Actual Actual		58,243	- 591				-	
	Actual		58,243 115,251	281			-		
	Actual		9,108				-		
	Actual		(1,312)	584,812		-	-		
	Budget		(1,312)	5,299					56,626
	Budget			155,076					93,834
	Budget			133,070					33,034
	Budget								
	Budget								
	Budget					-			
	Budget					-			
	Budget					-			
_			181,291	745,779					150,460
	t Additions for Year 3 (13 n	nonth average balance)							
ssion Plant									
ssion Plant						(F)	(G)	(H)	(1)
ission Plant	(A)	(B)	(C)	(D)	(E)	(F)			1
ssion Plant	(A)			Waldo Run SS	Meadowbrook SS Capacitor	Conemaugh	Rider	Cabot Substation	
ission Plant	(A)	(B) (in service)	(C) (in service)				Rider (in service)	Cabot Substation (in service)	(in service)
547				Waldo Run SS	Meadowbrook SS Capacitor	Conemaugh			(in service)
	Actual			Waldo Run SS (in service)	Meadowbrook SS Capacitor (in service)	Conemaugh	(in service)		(in service)
ar	Actual Actual			Waldo Run SS (in service) - 40,535	Meadowbrook SS Capacitor (in service) 461	Conemaugh (in service)			(in service)
ar	Actual Actual Actual			Waldo Run SS (in service) - 40,535 (17,992)	Meadowbrook SS Capacitor (in service) 461 38	Conemaugh (in service) - 4,230	(in service) - 126 -		(in service)
ar	Actual Actual Actual Actual			Waldo Run SS (in service) 40,535 (17,992) 34,116	Meadowbrook SS Capacitor (in service) 461 38	Conemaugh (in service) - 4,230 1,052	(in service) - 126 - 2,871		(in service)
ar 1	Actual Actual Actual Actual Actual			Waldo Run SS (in service) - 40,535 (17,992)	Meadowbrook SS Capacitor (in service) 461 38	Conemaugh (in service) - 4,230	(in service) - 126 - 2,871 8,411	(in service) - - - -	
ar 1	Actual Actual Actual Actual Actual Budget			Waldo Run SS (in service) 40,535 (17,992) 34,116	Meadowbrook SS Capacitor (in service) 461 38	Conemaugh (in service) - 4,230 1,052	(in service) - 126 - 2,871		
	Actual Actual Actual Actual Actual Budget Budget			Waldo Run SS (in service) 40,535 (17,992) 34,116	Meadowbrook SS Capacitor (in service) 461 38	Conemaugh (in service) - 4,230 1,052	(in service) - 126 - 2,871 8,411	(in service) - - - -	
	Actual Actual Actual Actual Budget Budget			Waldo Run SS (in service) 40,535 (17,992) 34,116	Meadowbrook SS Capacitor (in service) 461 38	Conemaugh (in service) - 4,230 1,052	(in service) - 126 - 2,871 8,411	(in service) - - - -	
	Actual Actual Actual Actual Budget Budget Budget Budget			Waldo Run SS (in service) 40,535 (17,992) 34,116	Meadowbrook SS Capacitor (in service) 461 38	Conemaugh (in service) - 4,230 1,052	(in service) - 126 - 2,871 8,411	(in service) - - - -	
	Actual Actual Actual Actual Budget Budget Budget Budget Budget			Waldo Run SS (in service) 40,535 (17,992) 34,116	Meadowbrook SS Capacitor (in service) 461 38	Conemaugh (in service) - 4,230 1,052	(in service) - 126 - 2,871 8,411	(in service) - - - -	
,	Actual Actual Actual Actual Budget Budget Budget Budget Budget Budget			Waldo Run SS (in service) 40,535 (17,992) 34,116	Meadowbrook SS Capacitor (in service) 461 38	Conemaugh (in service) - 4,230 1,052	(in service) - 126 - 2,871 8,411	(in service) - - - -	
,	Actual Actual Actual Actual Budget Budget Budget Budget Budget			Waldo Run SS (in service) 40,535 (17,992) 34,116	Meadowbrook SS Capacitor (in service) 461 38	Conemaugh (in service) - 4,230 1,052	(in service) - 126 - 2,871 8,411	(in service) - - - -	

				Month End Balance	56			
Other Projects PIS (Monthly additions)	Richwood Hill	Erie South	Joffre Sub	Oak Mound	Damascus SS	Warren SS	Kammer SS	502 Junction - Territo Line (monthly addition
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
					-			
	1,006	-	29	(3,362)	-			(812,0
	1,946	212	3,479	24,894	-			(783,7
	2,886	296	3,507	168,830	-	-		(769,2
	3,826	1,298	4,396	428,414	-			(746,1
	3,826	1,298	4,396	1,057,779	-			934,8
	3,826	1,298	4,396	1,921,327				1,218,7
	3,826	1,298	4,396	2,784,874				1,220,8
	3,826	1,298	4,396	3,370,330				1,220,8
	3,826	1,298	4,396	3,897,240				1,220,8
	3,826	1,298	4,396	3,897,240				1,220,8
	3,826	1,298	4,396	3,897,240				1,220,8
	3,826	1,298	4,396	3,897,240				1,220,8
	40,267	12,192	46,581	25,342,049				6,367,6
	3,097	938	3,583	1,949,388				489,8

				Month End Balan	ces			
Other Projects PIS Monthly additions)		502 Jct Substation	Black Oak					Wyle Ridge
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
		58,243	591					
		173,495	591					
		182,603	591					
		181,291	585,404					
		181,291	590,703					56
		181,291	745,779					150
		181,291	745,779					150
		181,291	745,779					150
		181,291	745,779					150
		181,291	745,779					150
		181,291	745,779					150
		181,291	745,779					150
		2,045,959	6,398,334					1,109
		157.381.43	492,179,53					85,37

				Month End Balance	s			
Other Projects PIS (Monthly additions)			Waldo Run SS	Meadowbrook SS Capacitor	Conemaugh	Rider	Cabot Substation	
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
			40,535	461		126		
			22,543	499	4,230	126		
			56,659	499	5,281	2,998		
			54,083	499	5,281	11,409		
			54,083	499	5,281	11,409	101,759	
		-	54,083	499	5,281	11,409	101,759	
	-	-	54,083	499	5,281	11,409	101,759	
	-	-	54,083	499	5,281	11,409	101,759	
	-	-	54,083	499	5,281	11,409	101,759	
			54,083	499	5,281	11,409	101,759	
		-	54,083	499	5,281	11,409	101,759	
		-	54,083	499	5,281	11,409	101,759	
	-	-	606,480	5,947	57,041	105,930	814,074	
			46,652.28	457.45	4,387.75	8,148.45	62,621.09	

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)						Month End Balan	ces			
	Mainsburg	Piercebrook SS	Moshannon	Farmers Valley SS						Other Projects PIS (Monthly additions)	Mainsburg	Piercebrook SS	Moshannon	Farmers Valley SS				
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)		(moneny doubons)	(in service)	1 210221001 00	monanter	(in service)	(in service)	(in service)	(in service)	(in sen
Actual		-			-	-	-	-				-	-		-	-		
Actual		(276)	-	1,769	-	-	-	-			-	(276)	-	1,769	-	-		
Actual	101,802	(100)		354		-	-	-			101,802	(376)		2,123				
Actual	39,422	1,339	-	3,212	-						141,223	963	-	5,335				
Actual	(3,136)	2,244	(120,404)	(882)	-			-			138,087	3,207	(120,404)	4,454				
Budget	11,117,627 84,306	-			-	-	-	-			11,255,714 11,340.020	3,207 3,207	(120,404) (120,404)	4,454 4,454	-	-		
Budget	43,909	-									11,340,020	3,207	(120,404)	4,454				
Budget	43,909	-									11,383,929			4,454				
Budget	14,030										11,398,565	3,207 3,207	(120,404) (120,404)	4,454				
Budget Budget											11,398,565	3,207	(120,404)	4,454				
				-							11,398,565	3,207	(120,404)	4,454				
				-	-	-	-				11,398,565	3,207	(120,404)	4,454				
Budget																		
	-	-	-	-	-		-											
Budget	- 11,398,565 onth average balance)	3,207	(120,404)	- 4,454			-	-			91,353,603 7,027,200.21	29,174 2,244.18	(120,404) (1,083,637) (83,356.71)	49,309 3,793.01	-	-	-	
Budget Budget			(120,404) Meadowbrook Transformer	- 4,454 Bedington Transformer		- - Kammer Transformers	- - Doubs Transformer #2	- - Doubs Transformer #3	Doubs Transformer #4	Cabot SS (Monthly	91,353,603	29,174	(1,083,637)	49,309				
Budget Budget	onth average balance) Black Oak (Monthly	3,207				- Kammer Transformers (Monthly additions)	- - Doubs Transformer #2 (Monthly additions)	- - Douts Transformer #3 (Month) additions)	Doubs Transformer #4 (Monthly additions)	Cabot SS (Monthly Additions)	91,353,603	29,174	(1,083,637)	49,309	-			Line
Budget Budget Plant Additions for Year 3 (13 mc	onth average balance) Black Oak (Monthly additions)	3,207 North Shenandoah	Meadowbrook Transformer	Bedington Transformer	Capacitor (Monthly						91,353,603 7,027,200.21	29,174 2,244.18	(1,083,637) (83,356.71)	49,309 3,793.01	- Potter SS (Monthly	- Osage Whiteley (Monthly	-	Line additi
Budget Budget Plant Additions for Year 3 (13 mc Wyle Ridge (Monthly additions)	onth average balance) Black Oak (Monthly additions)	3,207 North Shenandosh (Monthly additions)	Meadowbrook Transformer (Monthly additions)	Bedington Transformer (Monthly additions)	Capacitor (Monthly additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	Additions)	91,353,603 7,027,200.21 Hunterstown	29,174 2,244.18 Farmers Valley	(1,083,637) (83,356.71) Harvey Run	49,309 3,793.01 Doubs SS	- Potter SS (Monthly Additions)	- Osage Whiteley (Monthly Additions)	- Meadowbrook SS	502 Junction Line additic 123,4
Budget Budget Plant Additions for Year 3 (13 mc Wyle Ridge (Monthly additions) \$ 2,489,509 502 Junction Substation	Black Oak (Monthy additions) 5,171,841.76 Waldo Run	3,207 North Shenandoah (Monthy additons) 210,025.88 Conemaugh	Meadowbrook Transformer (Monthly additons) 855,713.01 Blairsville	Bedirgton Transformer (Monthly additions) 810,921.64 Four Mile Junction	Capacitor (Monthly additions) 693,362.89 Johnstown	(Monthly additions) 4,213,305 Yeagertown	(Monthly additions) 556,242 Grandview Capacitor	(Monthly additions) 510,449 Altoona SVC	(Monthly additions) 626,038 Luxor	Additions) 805,203 Grandpoint & Guilford	91,353,603 7,027,200.21 Hunterstown 5,139,678	29,174 2,244.18 Farmers Valley 228,310 Carbon Center	(1,083,637) (83,356.71) Harvey Run 96,749 Sitaavile	49,309 3,793.01 Doubs SS 585,096	Potter SS (Monthly Additions) 226,563 Shuman Hill	Osage Whiteley (Monthly Additors) 2,839,019 Buffalo Road	- Meadowbrook SS	Line addit 123
Budget Budget Plant Additions for Year 3 (13 mc Wyle Ridge (Monthly additions) \$ 2,489,509	Black Oak (Month) addtons) 5,171,841.76	3,207 North Shenandosh (Monthy additions) 210,025.88	Meadowbrook Transformer (Monthy additors) 855,713.01	Bedington Transformer (Monthy additions) 810,921.64	Capacitor (Monthly additions) 693,362.89	(Monthly additions) 4,213,305	(Monthly additions) 556,242	(Monthly additions) 510,449	(Monthly additions) 626,038	Additions) 805,203	91,353,603 7,027,200.21 Hunterstown 5,139,678	29,174 2,244.18 Farmers Valley 228,310	(1,083,637) (83,356.71) Harvey Run 96,749	49,309 3,793.01 Doube SS 585,096	- Potter SS (Monthly Additions) 226,563	- Osage Whiteley (Monthly Additons) 2,839,019	- Mesdowbrook SS 7,197,954	Line additi
Budget Budget Plant Additions for Year 3 (13 mc Wyle Ridge (Monthly additions) \$ 2,489,509 502 Junction Substation	Black Oak (Month) additions) 5,171,841.76 Waldo Run 6,929,411.51	3,207 North Shenandoah (Monthy additons) 210,025.88 Conemaugh	Meadowbrook Transformer (Monthly additons) 855,713.01 Blairsville	Bedirgton Transformer (Monthly additions) 810,921.64 Four Mile Junction	Capacitor (Monthly additions) 693,362.89 Johnstown	(Monthly additions) 4,213,305 Yeagertown	(Monthly additions) 556,242 Grandview Capacitor	(Monthly additions) 510,449 Altoona SVC 4,239,640	(Monthly additions) 626,038 Luxor	Additions) 805,203 Grandpoint & Guilford	91,353,603 7,027,200.21 Hunterstown 5,139,678	29,174 2,244.18 Farmers Valley 228,310 Carbon Center	(1,083,637) (83,356.71) Harvey Run 96,749 Sitaavile	49,309 3,793.01 Doubs SS 585,096	Potter SS (Monthly Additions) 226,563 Shuman Hill	Osage Whiteley (Monthly Additors) 2,839,019 Buffalo Road	- Mesdowbrook SS 7,197,954	Line additi 123, Grover SS
Budget Budget Plant Additions for Year 3 (13 mc Wyle Ridge (Monthly additions) \$ 2,489,509 502 Junction Substation	Black Oak (Monthy additions) 5,171,841.76 Waldo Run	3,207 North Shenandoah (Monthy additons) 210,025.88 Conemaugh	Meadowbrook Transformer (Monthly additons) 855,713.01 Blairsville	Bedirgton Transformer (Monthly additions) 810,921.64 Four Mile Junction	Capacitor (Monthly additions) 693,362.89 Johnstown	(Monthly additions) 4,213,305 Yeagertown	(Monthly additions) 556,242 Grandview Capacitor	(Monthly additions) 510,449 Altoona SVC	(Monthly additions) 626,038 Luxor	Additions) 805,203 Grandpoint & Guilford	91,353,603 7,027,200.21 Hunterstown 5,139,678	29,174 2,244.18 Farmers Valley 228,310 Carbon Center	(1,083,637) (83,356.71) Harvey Run 96,749 Sitaavile	49,309 3,793.01 Doubs SS 585,096	Potter SS (Monthly Additions) 226,563 Shuman Hill	Osage Whiteley (Monthly Additors) 2,839,019 Buffalo Road	- Mesdowbrook SS 7,197,954	Line addti 123, Grover SS

Total Revenue Requirement
\$ 242,807,448.04

Piercebrook Substation Joffre Substation S1041
1,204,162
-

7 April Year 3 Reconciliation - 10 calculates Reconciliation by populating the 13 monthly plant balances and beginning and end of year balances for the other rate base lems and the 13 monthly averages for CMP in Reconciliation adjusted to include any Reconciliation amount from prior year).

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)						Month End Baland	es			
							Line (monthly additions)			(Mon	ly additions)	0	0	0	0		(monthly additions)		
		(in service)	CWIP	CWIP	CWIP						(in service)	(in service)	CWIP						
rior Year																			
p216.b.43	Actual						(79,813)					-				-	145,754		
18	Actual						(693)					-					145,061	-	
	Actual						(2,076)					-					142,985	-	
	Actual						(3,787) 1,815					-					139,198	-	
	Actual						1,815										141,013		
	Actual						1,095										142,108		
	Actual						(798)										141,310		
	Actual						250					-					141,560		
	Actual						1,159					-				-	142,718		
	Actual						(3,716)					-					139,003		
	Actual						1,158					-					140,161		
	Actual						949					-					141,110		
	Actual						1,735					-			-		142,845	-	
_							(82,722)					-					1,844,825		
												-					141,910		

Total Revenue Requir	ament Potter SS	Cabot SS Transformer	(Monthly additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	additions)	additions)	Osage Whiteley	Armstrong	Farmers Valley	Harvey Run	Doubs SS
\$ 241,898,	47.87 227,118.12	799,545.12	630,960.86	512,028.31	558,211.98	4,234,550	698,071	815,222	859,986	211,045	5,110,133	2,498,406	124,472,155	2,854,251	1,835,498	227,966	97,151	586,880
	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	Waldo Run	Four Mile Junction	West Union SS	Bartonville SS Capacitor
	7,210,675	51,615	1,509,172	76,044	141,435	208,816	4,257,002	390,504	3,288,992	1,234,667	66,972	5,160,772	580,306	896,859	6,950,862	1,136,964	105,408	83,734
	Yeagertown	Rider	Monocacy SS	Shuman Hill Sub	Mainsburg SS	Johnstwon 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
	136,660	2,165,761	4,594,178	181,096	2,870,456	163,903	100,832	924,371	2,307,101	3,947,040	215,300	112,948	271,160	13,200,773	6,089,477	5,970,776	4,794,333	9,361,559
	-																	

Damas	cus SS	Warren Substation	Joffre Substation S1041	Piercebrook Substation
	155,446	2,975,619		779,384

Doubs SS

Bartonville SS Capacitor 9 4,782

Richwood Hill 310,040

20,442

Harvey Run

West Union SS 3,549

armers Valley Substation

182,117

3.247

Farmers Valley

Four Mile Junction 39,454

Erie South

9.878

168,592

Armstrong

61.101

Waldo Run 265,621

603,463

Joffre SS

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 Reconcilation in Step 8 241.898.148					The forecast in Prior Year				Nation for the for		-			
	241,898,148					233,780,444		-	8,117,704		st rate year, divide th ount by 12 and multip				
											months and fractiona				
										months the rate w					
	Interest on Amount of Refu	nds or Surchames								monalo the fate w	do in circot.				
	Interest 35.19a for March C					0.4300%									
	Month	Yr				1/12 of Step 9		Interest 35.19a for		Interest		Surcharge (Refund) Owed			
								March Current Yr	Months						
	Jun	Year 1				676,475		0.4300%	11.5			709,927			
	Jul	Year 1				676,475		0.4300%	10.5			707,018			
	Aug	Year 1				676,475		0.4300%	9.5			704,109			
	Sep	Year 1				676,475		0.4300%	8.5			701,200			
	Oct	Year 1				676,475		0.4300%	7.5			698,292			
	Nov Dec	Year 1 Year 1				676,475 676,475		0.4300%	6.5 5.5			695,383 692,474			
	Jan	Year 1 Year 2				676.475		0.4300%	5.5			692,474			
	Feb	Year 2				676,475		0.4300%	4.5			686.656			
	Mar	Year 2				676,475		0.4300%	2.5			683.747			
	Apr	Year 2				676,475		0.4300%	1.5			680,839			
	Мау	Year 2				676.475		0.4300%	0.5			677.930			
	Total					8,117,704						8,327,140			
						Balance		Interest	Amort	Balance					
	Jun	Year 2				8,327,140		0.4300%	713,476	7,649,471					
	Jul	Year 2				7,649,471		0.4300%	713,476	6,968,887					
	Aug	Year 2				6,968,887		0.4300%	713,476	6,285,377					
	Sep Oct	Year 2 Year 2				6,285,377 5,598,928		0.4300%	713,476	5,598,928 4,909,527					
	Nev	Year 2				4,909,527		0.4300%	713,476	4,909,527					
	Dec	Year 2				4,909,527		0.4300%	713,476	4,217,162					
	Jan	Year 3				3,521,820		0.4300%	713,476	2.823.487					
	Feb	Year 3				2,823,487		0.4300%	713,476	2,122,152					
	Mar	Year 3				2,122,152		0.4300%	713,476	1,417,801					
	Apr	Year 3				1,417,801		0.4300%	713,476	710,421					
	Мау	Year 3				710,421		0.4300%	713,476	(0)					
	Total with interest								8,561,715						
			tep 8 and the forecast in F							Input to Appendix A, Li	ne 147				
			Cap Adds for Year 3 (Step	p 8)					\$ 242,807,448 251,369,163						
	Revenue Requirement	tor year 3							251,369,163						
								Recon	ciliation Amount by I	Project					
															1
							Meadow Brook SS		Meadowbrook				502 Junction - Territorial		
			Doubs Transformer #4	Doubs Transformer #3	Doubs Transformer #2	Kammer Transformers	Capacitor (Monthly	Bedington Transformer	Transformer (Monthly	North Shenandoah	Black Oak (Monthly	Wylie Ridge (Monthly	Line (Monthly		
nue Requirement	Potter SS	Cabot SS Transformer	(Monthly additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	additions)	additions)	Osage Whiteley	
8,561,715	8,271	27,788	17,479	18,845	19,275	136,992	20,970	25,614	28,033	6,798	100,669	65,826	3,725,311	89,741	
	Meadowbrook SS						Altoona						Johnstown	Moshannon	
	Meadowbrook SS 267,778	Buffalo Road Capacitor 1,732	Handsome Lake-Homer City 49,916	Grandview Capacitor 2,528	Luxor Capacitor 4,737	Grand Point & Guilford SS 7,010	Attoona 142,741	Blairsville 13,090	Conemaugh Transformer 120,503	502 Junction Substation 99,114	Cabron Center 2,248	Hunterstown 172,964	Jonnstown 19,458	Moshannon 31,967	-
	267,778	1,732	49,916	2,528	4,737	7,010	142,741	13,090	120,503	99,114	2,248	172,964	19,458	31,967	
1									1		1				T
	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	
	4,646	110,487	145,841	5,548	125,742	5,556	4,088	31,289	70,087	109,641	6,573	3,844	9,249	411,048	1
	,		.,			.,	,						.,=	,	

Damascus SS Warren Substation 17,522 343,501 Joffre SS Piercebrook SS - 257,365

Post results of Step 8 on PJM web site \$ 251,369,163

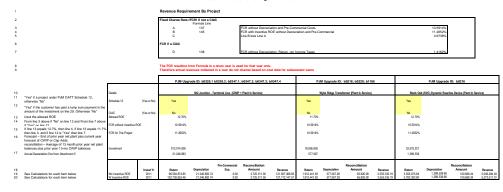
10 June Year 3

9 May Year 3

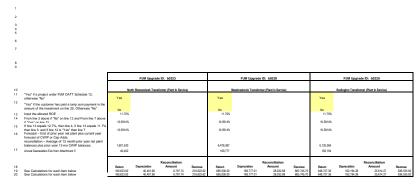
Results of Step 8 go into effect \$ 251,369,163

8 April Year 3

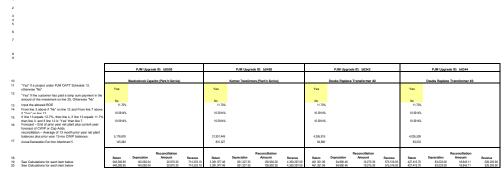
Trans-Allegheny Interstate Line Company Attachment 7 - Transmission Enhancement Charge Worksheet



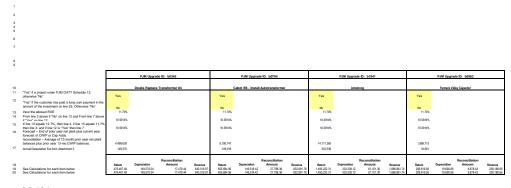
For Plant in Service "Pro-Commercial Ext" is easi to the amount of one-commercial excesses on Attachment 5s for each oroiser excessed in vear and anombad in vear. Resonce is easi to the "Resurn ("Insection" rimes FCID: pus "Description" data "In-Commercial Ext" of a control word "Recordition amount" "Recordition Amount" is created in the recordition in Attachment 6 and included in the forecasted revenue readment.



For Plant in Service "Pre-Commercial Exit" is equal to the amount of pre-commen Revenue is equal to the "Return" ("Investment" times FCR) 1 "Reconciliation Amount" is created in the reconciliation in Atti



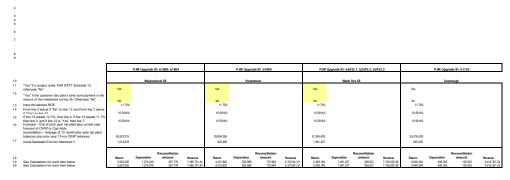
For Plant in Service "Pre-Commercial Exe" is exual to the amount of pre-commer Revenue is exual to the "Return" ("Investment" times FCR) in "Reconciliation Amount" is created in the reconciliation in Atti-



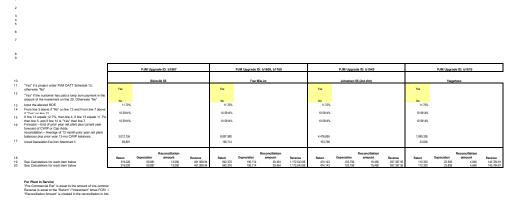
For Plant in Service "Pre-Commercial Exe" is equal to the amount of one-commer Revenue is equal to the "Return" ("Investment" times FCR3 t "Recordination Amount" is created in the recordination in Atta

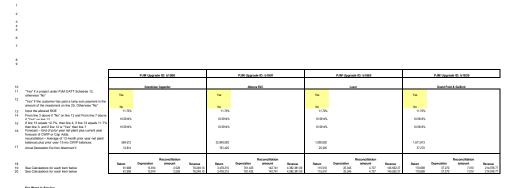
8 9																			
			PJM Upgrade	ID: 60564			PJM Upgrade	a ID: b1803			РЈМ	Upgrade ID: b1	1243			PJM Upgra	de ID: 60674, 61	123, b1023.3	
10			Harvey Run	Capacitor			Doub	\$55				Potter SS					Osage Whiteley		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes				Yes					Yes				
12	"Yes" if the customer has peid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No					No				
13 14	Input the allowed ROE Firm line 3 above if "No" on line 12 and Firm line 7 above	11.70%				11.70%				11.70%					11.70%				
	if "Yes" on line 12	10.5914%				10.5914%				10.5914%					10.5914%				
15 16	If line 13 equals 12.7%, then line 4 if line 13 equals 11.7% then line 3, and if line 12 is "Yes" than line 7 Forecast – End of prior year net plant plus current year forecast of CMIP or Cap Adds. reconciliation – Average of 13 month wrior year net plant	10.5914%				10.5914%				10.5914%					10.5914%				
	balances plus prior year 13-mo CWIP balances.	748,462				4,540,261				1,814,495					21,415,528				
17	Annual Depreciation Exp from Atlachment 5	17,476				104,220				34,383					570,821				
18 19	See Calculations for each item below	Return 79.272.42	Depreciation 17.476.20	Reconciliation Amount 3.247.12	Revenue 99.995.74	Raturn 480.875.80	Depreciation 104.220.36	Reconciliation Amount 20.442.29	Revenue 605.538.45	Raturn 192.180	Depreciation 34.383	Pre-Commercial Exp. 0	Amount 8.271	Revenue 234.834.32	Return 2.268.198	Depreciation 570.821	Pre-Commercial Exp. 0	Reconciliation amount 82.741	Revenue 2.928.760.21
20	See Calculations for each item below	79,272.42	17,476.20	3,247.12	99,995.74	480,875.80	104,220.36	20,442.29	605,538.45	192,180	34,383	0	8,271	234,834.32	2,268,198	570,821	0	89,741	2,928,760.21

For Plant in Service "Pre-Commercial Exo" is exail to the amount of pre-commen Revenue is exual to the "Return" ("Investment" times FCR1 : "Reconciliation Amount" is created in the reconciliation in Att



For Plant in Service "Pre-Commercial Exe" is equal to the amount of one-commer Revenue is equal to the "Return" ("Investment" times FCR) 1 "Reconciliation Amount" is created in the reconciliation in Attu





For Plant in Service "Pre-Commercial Exo" is equal to the amount of one-commer Revenue is equal to the "Return" ("Investment" times FCR) i "Reconciliation Amount" is created in the reconciliation in Att

8 9																					
			PJM Upgrade	ID: b1964			PJM Upgrad	e ID: b1672			PJM Upgrad	de ID: b1998			PJM Upgrade	ID: b1999, b2002			PJM Upgras	de ID: b2342	
10			Moshan	non			Carbon	Center			Shaw	nik			Nort	hwood			Shuman	Hill Sub	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes				Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No				No				No			
18	Input the allowed ROE	11.70%				11.70%				11,70%				11.70%				11.70%			
14	From line 3 above if "No" on line 12 and From line 7 above					11.76.8												11.19.8			
	I 'Yes' on line 12	10.5914%				10.5914%				10.5914%				10.5914%				10.5914%			
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	10.5914%				10.5914%				10.5914%				10.5914%				10.5914%			
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.	6.858.708				516,856				2.106.723								1.386.143			
17		158.081				11.958				47.011								32,698			
	Annual Depreciation Exp from Attachment 5	158,081				11,958				47,011								32,658			
				Reconciliation				Reconciliation				Reconciliation				Reconciliation				Reconciliation	
18		Return	Depreciation	amount	Revenue	Return	Depreciation	amount	Revenue	Return	Depreciation	amount	Revenue	Return	Depreciation	amount	Revenue	Return	Depreciation	amount	Revenue
19	See Calculations for each item below	726.431	158.081	31.967	916.478.50	54.742 54.742	11.958 11.958	2.248	68.947.55	223.131	47.011	9.249	279.393.99	0	0	0	0.00	146.812	32.698 32.698	5.548 5.548	185.056.82
20	See Calculations for each item below	726,431	158,081	31,967	916,478.50	54,742	11,958	2,248	68,947.55	223,131	47,011	9,249	279,390.99	0		0	0.00	145,812	32,698	5,548	185,056.82

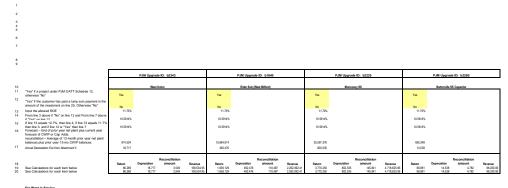
For Plant in Service "Pre-Commercial Exo" is equal to the amount of one-commer Revenue is assait to the "Return" ("Investment" times FCR) + "Revenuelisein Amount" is created in the reconciliation in Atta

1 3 4 8 8 7

8 9																			
			PJM Upgrade ID: b1770			PJM Upgrad	e ID: b2148		PJM Up	grade ID: b0556			PJM Upgrad	e ID: b1023.1			PJM Upgra	de ID: b1941	
10			Buffalo Road			Pleasureville	Canarityr		Genue	r SS Capacitor			502 Junction	Substation			Handsome I al	ka - Homer City	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes			Yes			Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No			No			No				No				No			
13 14	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7 above	11.70%			11.70%			11.7	66			11.70%				11.70%			
	If Yes' on the 12 If Yes' on the 12 If the 13 equals 12.7%, then the 4. if the 13 equals 11.7%	10.5914%			10.5914%			10.591	8			10.5914%				10.5914%			
15	In this 13 separate 12.7%, that the 4, is the 13 separate 11.7% then line 3, and if line 12 is "Yea" 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	10.5914%			10.5914%			10.591	8			10.5914%				10.5814%			
	balances plus prior year 13-mo CWIP balances.	398,345			0			845,1				13,451,659				11,575,888			
17	Annual Depreciation Exo from Attachment 5	9,216			0			11,3	σ			124,532				276,577			
18		Return	Reconciliation Detreciation amount	Revenue	Return	Depreciation	Reconciliation amount Reve	Return	Depreciation	Reconciliation	Revenue	Rathum	Depreciation	Reconciliation	Revenue	Return	Depreciation	Reconciliation amount	Revenue
19 20	See Calculations for each item below See Calculations for each item below	42,190 42,190	9.216 1.732 9,216 1,732	53,138,32 53,138,32	0	0	0	0.00 89.5	5 11.3 5 11.3	07 4.088 07 4,088	104,909,22 104,909,22	1,434,715 1,434,715	124,532 124,532	99.114 99,114	1,648,361.05 1,648,361.05	1,226,045	276,577 276,577	43,916 43,916	1.552.538.17 1.552,538.17

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

1 3 4 5 6 7



For Plant in Service "Pre-Commercial Exo" is equal to the amount of one-commer Revenue is equal to the "Return" ("Investment" times FCR) i "Reconciliation Amount" is created in the reconciliation in Att

8 9																					
		P	UM Upgrade ID:	b1802 & b1608			PJM Upgrad	e ID: 60555			PJM Upgrad	e ID: b1943			PJM Upgra	de ID: b0376		P.	M Upgrade ID:	b2364 & b2364.1	
10			Mainsba	ro 55			Johnstown S	ub Capacitor			Claysburg	Ring Bus			Conemau	th Capacitor			Souab H	slow SS	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes				Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No				No				No			
13	Input the allowed ROE	11.70%				11.70%				11.70%				11.70%				11.70%			
14	From line 3 above if "No" on line 12 and From line 7 above if "Vee" on line 12 If line 13 equals 12.7%, then line 4, if line 13 equals 11.7%	10.5914%				10.5914%				10.5914%				10.5914%				10.5914%			
15	then line 3. and if line 12 is "Yes" than line 7 Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.	10.5914%				10.5914%				10.5914%				10.5914%				10.5914%			
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	30,108,802				1,270,111				7,152,373				0				17,101,640			
17	Annual Depreciation Exp from Attachment 5	419,641				28,746				163,194				0				482,267			
				Reconciliation				Reconciliation				Reconciliation				Reconciliation				Reconciliation	
18 19 20	See Calculations for each item below See Calculations for each item below	Return 3.188.935 3,188,935	Depreciation 419.641 419,641	amount 125.742 125,742	Revenue 3.734.318.06 3,734,318.06	Raturn 134.522 134,522	Depreciation 28.746 28,746	amount 5.556 5,556	Revenue 168.834.34 168,834.34	Return 757,534 757,534	Depreciation 163.194 163,194	amount 31,289 31,289	Revenue 952.017.16 952,017.16	Return 0	Depreciation 0 0	amount 0 0	Revenue 0.00 0.00	Return 1.811.298 1,811,298	Depreciation 482.267 482,267	amount 70.087 70,087	Revenue 2.363.651.79 2.363,651.79

For Plant in Service "Pre-Commercial Exo" is equal to the amount of one-commen Revenue is equal to the "Return" ("Investment" times FCR) : "Reconciliation Amount" is created in the reconciliation in Atta

1 3 4 5 6 7

1 2 3 4 8 8 7						
	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
10 11 "Yes" if a project under PJM OATT Schedule 12,	Squab Hollow SVC	Shingletown Capacitor	Nyswanar	Richwood Hill	Erie South	Joffre Sub
otherwise "No" 12	Yes	Yes	Yes	Yes	Yes	Yes
"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29. Otherwise "No"	No	No	No	No	No	Na
13 Input the allowed ROE	11.70%	11.70%	11.70%	11.70%	11.70%	11.70%
14 From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	10.5914%	10.5914%	10.5914%	10.5914%	10.5914%	10.5914%
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	10.5914%	10.5914%	10.5914%	10.5914%	10.5914%	10.5914%
16 Forecast – End of prior year net plant plus current year	10.221140	10.0014%	10.2014/3	82.521475	10.001476	10.221476
forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant						
balances plus prior year 13-mo CWIP balances.	28,286,746	1,604,683	876,685	70,490,045	42,983,086	45,433,094
17 Annual Decreciation Exp from Attachment 5	922,123	44,130	19,669	1,853,321	1,376,208	1,248,684
18 19 Sae Calculations for each item below 20 See Calculations for each item below	Reconciliation Raturn Depreciation amount Revenue 295953954 2022 100.641 4.027.717.49 295953954 922,123 109.641 4.027.717.49	Reconciliation Return Depreciation amount Ravense 169.958 44.130 6.573 220.560.72 169.958 44.130 6.573 220.560.72	Reconciliation Return Depreciation arrount Revenue 92.853 19.689 3.644 1%.365.21 92.853 19.689 3.644 1%.365.21	Reconciliation Return Deprecision amount Revenue 7.465.861 1.853.321 310.40 9.629.222.35 7.465.861 1.853.321 310.40 9.629.222.35	Reconciliation Return Deprecision arrount Revetse 4.552.468 1.378.208 198.552 6.007.297.56 4.552.498 1.378.208 198.552 6.007.297.56	Reconciliation Raturn Dependation amount Revenue 4.803.610 1.244564 601.448 6.600.567.76 4.803.610 1.248,684 603.463 6.660,567.76

For Plant in Service "Pre-Commercial Exo" is equal to the amount of one-commer Revenue is equal to the "Return" ("Investment" (imag FCR) + "Per-orielizen Amount" is created in the reconciliation in Atta EXHIBIT NO. TRC-203 ATTACHMENT H-18A Page 47 of 52

8 9							
	PJM Upgrade ID: b2475	PJM Upgrade ID: b1991	PJM Upgrade ID: b2261	PJM Upgrade ID: b2494	PJM Upgrade ID: s1041	PJM Upgrade ID: b2587	1
10	Oak Mound	Farmers Valley Substation	Damascus Substation	Warren Substation	Joffre Substation S1041	Piercebrook Substation	
11 "Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	Yes	Yes	Yes	Yes	Yes	1 1 1
12 "Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No	No	No	Na	No	No	1 1 1
13 Input the allowed ROE 14 From line 3 above if 'No' on line 12 and From line 7 above	11.70%	11.70%	11.70%	11.70%	11.70%	11.70%	
14 From the 3 above if No on the 12 and From the 7 above if "Vec" on the 12 15 If the 13 equals 12.7%, then the 4 if the 13 equals 11.7%	10.5914%	10.5914%	10.5914%	10.5814%	10.5614%	10.5914%	
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.	10.5914%	10.5914%	10.5914%	10.5914%	10.5914%	10.5914%	
reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	107,613,390	37,225,049	1,217,389	23,205,115	0	10, 123, 203	
17 Annual Decreciation Exp from Attachment 5	2,063,593	832,874	26,362	504,346	0	131,976	1 1 1
18 19 See Calculations for each item below 20 See Calculations for each item below	Reconciliation Return Depreciation arrount Revenue 11.307.732 2.063.598 411.040 13.872.373.0 11.307.732 2.063.598 411.048 13.872.373.0	Reconciliation Raturn Depreciation amount Ravence 8.342_643 832.874 182.117 4.957.834.3 3.342_643 832.874 182.117 4.957.834.3	Reconciliation Return Depreciation amount Revenue 128.933 26.562 17.522 17.2822.93 128.933 26.562 17.522 17.2822.93	Reconciliation Return Depreciation amount Revenue 2.457.740 504.346 541.501 3.005.598.22 2.457.740 504.346 541.501 3.005.598.22	Reconciliation Return Depreciation amount Ravenue 0 0 0 0.000 0 0 0 0.000	Reconciliation Return Depreciation amount Revenue 1.072.198 131.976 257.365 1.461.258.97 1.072.398 131.976 257.365 1.461.258.97	Total Incentive Charged Revenue Credit 56 244.997.557.30 244.997.857.30 Ad 251.369,192.88 251,369,192.88

For Plant in Service "Pre-Commercial Exo" is equal to the amount of one-commer Revenue is equal to the "Return" ("Investment" times FCR) : "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 1	Ferm Debt										
	CALCULATION OF COST OF DEBT											
1	YEAR ENDED 12/31/2018											
		(a)	(b)	(c)	(d)	(e)	(1)	(g)	(h)	(1)	ω	
	t=N	Issue Date	Maturity Date	ORIGINAL	Net Proceeds At Issuance	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in Year* z*	Weiahted Outstanding Ratios	Effective Cost Rate (Tables 2 and 3)	Weighted Debt Cost at t = N (h) * (i)	
	Long Term Debt (12/31/2018 First Mortaace Bonds:	12/11/2014	6/2/2025						88.00%			
(1) (2)	3.85%, Senior Unsecured Notes 3.76%, Senior Unsecured Notes	12/11/2014 10/16/2015	5/30/2025	\$ 550,000,000 \$ 75,000,000	\$ 545,247,429 \$ 74,437.647	\$ 547,082,278 \$ 74.623.492	12 12	\$ 547,082,278.00 \$ 74.623.492.00	88.00% 12.003%	3.95% 3.85%	3.48% 0.46%	
1												
	Total			\$ 625,000,000		\$ 621,705,770		\$ 621,705,770	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 calcul	ations.									
		standing during the year (averge of the balances for	the 12 months of the year, with zero in months that the issue									
	Interim (individual debenture) debt cost calculations ** This Total Weighted Average Debt Cost will be s		300%, 5.2582%); Final Total Weighted Average Debt Cost	for the Formula Rate shall be rounded to two d	acimals of a percent (7.03%).							
	** Tris Total weighted Average Debt Cost will be s	snown on Line 101 of formula rate Appendix A.										

	TABLE 2: Effective Cost Rates F	or Traditional Front-Loaded Debt Iss	uances:										
	YEAR ENDED 12/31/2018	8 (aa)	(bb)	(cc)	(dd)	14 (ee)	(10)	(gg)	(hh)	(ii)	10	(kk)	(11)
		(aa)	(66)	(00)	(Discount)	(ee)	Loss/Gain on	Less Related	()	Net	CLD CLD	(KK)	Effective Cost Rat
		Issue	Maturity	Amount	Premium	Issuance	Reacquired	ADIT	Net	Proceeds	Coupon	Annual	(Yield to Maturity
	Long Term Debt Is Affiliate	Date	Date	Issued	at Issuance	Expense	Debt	(Attachment 1)	Proceeds	Ratio	Rate	Interest	at issuance, t = 0]
	3.85%. Senior Unsecurer No	12/11/2014	6/2/2025	\$ 550,000,000	\$ (418,000)	4,334,571			\$ 545,247,429	99.1359	0.03850	\$ 21,175,000	3.95%
(1) (2)	3.85%, Senior Unsecured Notes	10/16/2015	5/30/2025	550,000,000	\$ (418,000)	4,334,571 562,353	-	XXX	\$ 74,437,647	99.1359	0.03850	\$ 2,820,000	3.85%
(2)	3.76%, denor onsecurad Notes	10/10/2013	3/30/2025	73,000,000		562,303			3 14,437,047	55.2302	0.0376	\$ 2,820,000	3.65 %
	TOTALS			\$ 625.000.000	(418.000)	\$ 4.896.924			\$ 619.685.076			\$ 23.995.000	
		e bond table or from YTM = Internal Rate of Return ((IRP) calculation	3 023.000.000	1418.0001	3 4.050.524			3 015.003.070			3 23.850.000	

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 amorize 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	\$ 900,000,000
Internal Rate of Return ¹	4.886348%
Based on following Financial Formula ² :	
NPV=0= $\sum_{t=1}^{N} C_t/(1+IRR)pw$	vr(t)

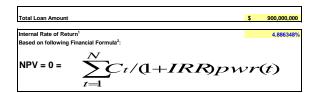
Total Issuance Expense		7,796,079	
Revolving Credit Commitment Fee Revolving Credit Commitment Fee	New Borrowing 0.005	Old Borrowing 0.0050 0.0037	After borrowing is at the midpoint (\$275,000)

	2008	3 2008	2008	2008	2009	2010	2011	2012		2014	2015
LIBOR Rate	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Spread											
Interest Rate Bond \$450M Interest	6.13%	3.86%	4.05%	4.34%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%
Rate	\$ 450,000,000					4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Revolver Interest Rate	\$ 350,000,000	Draw 1	DONE			3.249%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 2, 3, 4	DONE			3.247%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 5	DONE			3.251%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 6	DONE - Roll over Draw	1 and 4		3.316%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 7	DONE			3.361%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 8	DONE - Roll over Draw 2	2, 3 and 5		3.422%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 9	DONE			3.417%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 10	DONE			3.348%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 11	DONE - Roll over Draw 6	6 and 9		3.498%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 12	DONE - Roll over Draw 1	10		3.418%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 13	DONE - Roll over Draw 7	7 and 8		3.398%	4.50%	6.21%	-		
Revolver Interest Rate	\$ 450,000,000	Draw 14	DONE			3.275%	4.50%	6.21%	-		
Revolver Interest Rate			DONE			3.275%	4.50%	6.21%			
Revolver Interest Rate			DONE - Roll over Draw 1	11		3.289%	4.50%	6.21%			
Revolver Interest Rate			DONE			3.248%	4.50%	6.21%			
Revolver Interest Rate			DONE - Roll over Draw 1			3.286%	4.50%	6.21%			
Revolver Interest Rate			DONE - Roll over Draw 1	13 and 17		3.286%	4.50%	6.21%			
Revolver Interest Rate			DONE - Roll over Draw 1	16			3.304%	6.21%	-		
Revolver Interest Rate			DONE - Roll over Draw 1				3.312%	6.21%	1		
Revolver Interest Rate			DONE - Roll over Draw 1				3.312%	6.21%	1		
Revolver Interest Rate	\$ 450,000,000	Draw 23	DONE				3.222%	6.21%	1		
Revolver Interest Rate	\$ 450,000,000	Draw 24	DONE Roll over Draw 20)			3.213%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 25	DONE Roll over Draw 21	1. 22 and 23			3.174%	6.21%			
Revolver Interest Rate	\$ 450,000,000		DONE Roll over Draw 25				3.169%	6.21%]		
Revolver Interest Rate	\$ 450,000,000	Draw 27	DONE - Pay off Draw 26	6			3.196%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 28	DONE				1.936%	6.21%			

				GL '224100		GL '820204	GL '181100/654106	GL '820202			
(A)	(B)	(C)	(D)	(E)		(F)	(G)	(H)	(1)		Amortization of
Year		Capital Expenditures	Principle Drawn In Quarter (\$000's)	Principle Drawn To Date	Outstanding Debt Balance	Interest Expense	Origination Fees	Commitment	Net Cash Flows (D-F-G-H)	Interest at effective rate	origination fees and commitment fees
2008											
12/24/2007	Q4	68,183,000	10,000,000	10,000,000	10,000,000		734,955.02		9,265,045	-	-
01/31/2008	Q1			10,000,000	9,265,045		31,013.00		(31,013)	46,132	46,132
02/4/2008	Q1			10,000,000	9,280,164		69,578.45		(69,578)	4,853	4,853
02/6/2008	Q1			10,000,000	9,215,438		137.50		(138)	2,409	2,409
02/29/2008	Q1			10,000,000	9,217,710		2,960.00		(2,960)	27,752	27,752
03/5/2008	Q1			10,000,000	9,242,502		125,384.16		(125,384)	6,042	6,042
3/24/2008	Q1	25,543,000		10,000,000	9,123,160	155,047.57			(155,048)	22,684	(132,363)
03/31/2008	Q1			10,000,000	8,990,797		17,011.00		(17,011)	8,230	8,230
04/30/2008	Q2			10,000,000	8,982,016		197,269.56		(197,270)	35,289	35,289
05/19/2008	Q2			10,000,000	8,820,035		109,824.88		(109,825)	21,931	21,931
6/23/2008	Q2	20,509,000		10,000,000	8,732,141	97,477.43			(97,477)	40,038	(57,439)
06/26/2008	Q2			10,000,000	8,674,702		43,098.82		(43,099)	3,402	3,402
06/30/2008	Q2			10,000,000	8,635,005		13,267.50		(13,268)	4,516	4,516
08/8/2008	Q3			10,000,000	8,626,253		1,577.79		(1,578)	44,084	44,084
08/13/2008	Q3			10,000,000	8,668,760		62,776.98		(62,777)	5,667	5,667
8/15/2008	Q3		55,000,000	65,000,000	8,611,650	59,689.48	7,780,953.85		47,159,357	2,251	(57,438)
8/20/2008	Q3			65,000,000	55,773,258		530.00		(530)	36,461	36,461
8/25/2008	Q3			65,000,000	55,809,189		15,125.00		(15,125)	36,485	36,485
9/3/2008	Q3			65,000,000	55,830,549		82,654.66		(82,655)	65,714	65,714
9/8/2008	Q3			65,000,000	55,813,609		1,957.50		(1,958)	36,487	36,487
9/11/2008	Q3			65,000,000	55,848,138		41,845.84		(41,846)	21,903	21,903
9/15/2008	Q3		(20,000,000)	45,000,000	55,828,196	243,199.31			(20,243,199)	29,196	(214,004)
9/25/2008	Q3			45,000,000	35,614,192		7,525.25		(7,525)	46,580	46,580
9/29/2008	Q3			45,000,000	35,653,247		98,058.08		(98,058)	18,645	18,645
9/30/2008	Q3	24,995,000		45,000,000	35,573,834		18,136.90	235,520.83	(253,658)	4,650	4,650
10/2/2008	Q4		20,000,000	65,000,000	35,324,826			78,506.96	19,921,493	9,235	9,235
10/17/2008	Q4			65,000,000	55,255,554		2,030.03		(2,030)	108,439	108,439
10/29/2008	Q4			65,000,000	55,361,963		266.90		(267)	86,901	86,901
11/19/2008	Q4			65,000,000	55,448,597		96,048.71		(96,049)	152,404	152,404
11/21/2008	Q4			65,000,000	55,504,952		730.00		(730)	14,511	14,511

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

TAILCo anticipates its financing will be a 7 year loan, where by TAILCo pays Origination Fees of 55.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortae the Origination Fees and Commitments Fees using the standard Internal Rate of Return formals below. Each year, TAILCo will not up the amounts withdrawn, the Interest paid in the year, Originatori Fees, and total boar amount on this attachment.



Origination Fees		7 700 054
Origination Fees Addition Origination Fees		7,780,954
Rodison Originasion rees		15,125
Total Issuance Expense	_	7,796,079
Total Issuance Expense	=	7,796,079
	New Borrowing	Old Borrowing
Revolving Credit Commitment Fee	0.005	0.0050

Revolving Credit Commitment Fee Revolving Credit Commitment Fee

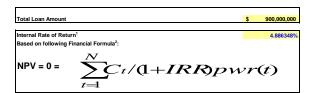
-

d Borrowing 0.0050 0.0037 After borrowing is at the midpoint (\$275,000)

E.	10/15/0000			05 000 000	00.000.000	55 540 704	740 000 04			04 004 004	474.404	(544,500)
_	12/15/2008	Q4		25,000,000	90,000,000	55,518,734	718,999.31			24,281,001	174,431	(544,569)
(1)	1/6/2009	Q1	42,068,000	-	90,000,000	79,974,165	-		618,333.53	(618,334)	230,297	230,297
	2/17/2009	Q1		30,000,000	120,000,000	79,586,128	-			30,000,000	438,097	438,097
	3/16/2009	Q1	75,475,000	40,000,000	160,000,000	110,024,225	933,987.50			39,066,013	388,964	(545,023)
	3/10/2009	Q1	73,473,000	40,000,000	100,000,000	110,024,225	555,507.50		4 400 000 00	(1,400,000)		(343,023)
	3/25/2009			-	160,000,000	149,479,202			1,100,000.00	(1,100,000)	175,942	175,942
	4/8/2009	Q2		-	160,000,000	148,555,144			549,166.67	(549,167)	272,085	272,085
	5/15/2009	Q2		50,000,000	210,000,000	148,278,062				50,000,000	718,820	718,820
	6/16/2009	Q2		40,000,000	250,000,000	198,996,882	1,405,039.11			38,594,961	834,057	(570,982)
		02		40,000,000		190,990,002	1,403,039.11			30,354,501		
	6/30/2009	Q2		-	250,000,000	238,425,899				-	436,686	436,686
	7/31/2009	Q3		-	250,000,000	238,862,586			453,194.44	(453, 194)	969,797	969,797
	8/3/2009	Q3		30,000,000	280,000,000	239,379,188				30,000,000	93.882	93,882
		Q3		50,000,000	330,000,000	269,473,071				50,000,000	1,129,444	1,129,444
	9/4/2009			50,000,000							1,129,444	
	9/16/2009	Q3		-	330,000,000	320,602,515	1,596,826.11			(1,596,826)	503,245	(1,093,581)
	10/5/2009	Q4		45,000,000	375,000,000	319,508,934	207,916.06			44,792,084	794,450	586,534
	10/16/2009	Q4			375,000,000	365,095,468			321.250.00	(321,250)	525,294	525.294
		Q4		20,000,000					021,200.00			
	11/5/2009	Q4		30,000,000	405,000,000	365,299,512	-			30,000,000	956,176	956,176
	12/4/2009	Q4		50,000,000	455,000,000	396,255,688				50,000,000	1,504,831	1,504,831
	12/16/2009	Q4 Q1	73,715,000	-	455,000,000	447,760,519	1,374,479.16			(1,374,479)	702,843	(671,636)
	1/4/2010	01			455,000,000	447,088,883			138,489.58	(138,490)	1,111,675	1,111,675
		Q1		00 000 000	485,000,000		000 001 11		100,100.00	29,107,669		(833,764)
	1/5/2010	Q1		30,000,000		448,062,068	892,331.11				58,568	(833,764)
	1/15/2010	Q1		-	485,000,000	477,228,304	440,625.00			(440,625)	624,167	183,542
	1/25/2010	Q1 Q1		(485,000,000)	-	477,411,847	423,000.00		18,489.58	(485,441,490)	624,407	201,407
	1/25/2010	Q1		450,000,000	450,000,000	(7,405,236)		4,533,000.00		445,467,000		-
		Q1		45,000,000	495,000,000	438,061,764		4,000,000.00			-	_
	1/25/2010			45,000,000	495,000,000			5,852,578.67		39,147,421	-	-
	1/27/2010	Q1			495,000,000	477,209,186		6,979.59		(6,980)	124,763	124,763
	2/3/2010	Q1 Q1			495,000,000 495,000,000	477,326,969		58,000.00		(58,000)	436,922	436,922
	2/3/2010	Q1			495,000,000	477,705,891		5,500.00		(5,500)		
	2/5/2010	Q1			495,000,000	477,700,391		82,116.73	2,934.74	(85,051)	124,892	124,892
		Q1		00.000.000		477,700,391		02,110.73	2,934.74			124,892
	2/12/2010	Q1		20,000,000	515,000,000	477,740,231				20,000,000	437,300	437,300
	2/24/2010	Q1			515,000,000	498,177,531		23,770.00		(23,770)	781,982	781,982
	3/10/2010	Q1		30,000,000	545,000,000	498,935,743		90,000.00		29,910,000	913,821	913,821
	3/17/2010	Q1		00,000,000	545,000,000	529,759,564		195,720.20		(195,720)	484,916	484,916
	3/26/2010	Q1		20,000,000	565,000,000	530,048,759		17,821.04		19,982,179	623,885	623,885
	4/1/2010	Q2			565,000,000	550,654,823			255,416.67	(255,417)	432,008	432,008
	4/5/2010	Q2 Q2			565,000,000	550,831,415		123,660.90		(123.661)	288,060	288,060
	4/7/2010	02			505,000,000	550,005,014		201 250 00				
	4/7/2010	QZ			565,000,000	550,995,814		201,250.00		(201,250)	144,054	144,054
	4/8/2010	Q2			565,000,000	550,938,618		224,587.75		(224,588)	72,015	72,015
	4/12/2010	Q1		30,000,000	595,000,000	550,786,045				30,000,000	288,036	288,036
	4/14/2010	Q2			595,000,000	581,074,082		194,134.74		(194,135)	151,918	151,918
	4/14/2010	02										131,910
	4/21/2010	Q2			595,000,000	581,031,865		18,977.41		(18,977)	531,848	531,848
	4/26/2010	Q2		(65,000,000)	530,000,000	581,544,735	369,573.75			(65,369,574)	380,177	10,603
	4/26/2010	Q2		65,000,000	595,000,000	516,555,339	55,920.56			64,944,079	-	(55,921)
	4/28/2010	Q2			595,000,000	581,499,418		2,300.79		(2,301)	152,029	152,029
	4/20/2010	92			555,000,000	501,455,410				(2,301)	152,068	152,025
	4/30/2010	Q2			595,000,000	581,649,147		2,156.70		(2,157)		
	5/7/2010	Q2		30,000,000	625,000,000	581,799,058				30,000,000	532,550	532,550
	5/12/2010	Q2		(80,000,000)	545,000,000	612,331,608				(80,000,000)	400,304	400,304
	5/12/2010	Q2		80,000,000	625,000,000	532,731,912	160.694.44			79,839,306	100,001	(160,694)
		Q2		80,000,000							-	
	5/12/2010	Q2			625,000,000	612,571,218	81,275.00			(81,275)	-	(81,275)
	5/12/2010	Q2			625,000,000	612,489,943	170,100.00			(170,100)	-	(170,100)
	5/20/2010	Q2			625,000,000	612,319,843		182,500.00		(182,500)	640,599	640,599
		Q2		20,000,000	645,000,000			,				480,746
	5/26/2010	Q2		20,000,000	645,000,000	612,777,942				20,000,000	480,746	400,740
	6/14/2010	Q2			645,000,000	633,258,687		150,071.58		(150,072)	1,574,581	1,574,581
	7/1/2010	Q3			645,000,000	634,683,197			230,764	(230,764)	1,411,820	1,411,820
	7/2/2010	Q3 Q3			645,000,000	635,864,253		1,168.50		(1,169)	83,116	83,116
	7/7/2010	Q3		35,000,000	680,000,000	635,946,200		1,100.00		35,000,000	415,741	415,741
		43		35,000,000	660,000,000	635,946,200						415,741
	7/15/2010	Q3			680,000,000	671,361,942	8,500,000.00			(8,500,000)	702,368	(7,797,632)
	7/26/2010	Q3		(65,000,000)	615,000,000	663,564,309				(65,000,000)	954,726	954,726
	7/26/2010	Q3		(20,000,000)	595,000,000	599,519,036				(20,000,000)		
	7/26/2010	Q3		115,000,000	710,000,000	579,519,036				115,000,000		_
				115,000,000							-	
	7/26/2010	Q3 Q2			710,000,000	694,519,036	115,798.33			(115,798)	-	(115,798)
	7/26/2010	Q2			710,000,000	694,403,237	544,837.22		-	(544,837)	-	(544,837)
	8/9/2010	Q3		(35,000,000)	675,000,000	693,858,400	107,415.00			(35,107,415)	1,270,829	1,163,414
	8/9/2010	Q3		35,000,000	710,000,000	660,021,814				35,000,000	,,	,,
	0/5/2010	03		(00,000,000	710,000,000	000,021,014	074 000 00			33,000,000		
	8/12/2010	Q3		(30,000,000)	680,000,000	695,021,814	271,680.83			(30,271,681)	272,581	900
	8/12/2010	Q3		(80,000,000)	600,000,000	665,022,714	699,608.89			(80,699,609)	-	(699,609)
	8/12/2010	Q3		110,000,000	710,000,000	584,323,106				110,000,000	-	
	8/30/2010	Q3			710,000,000	694,323,106		407,816.09		(407,816)	1,635,445	1,635,445
	0/7/0010	00		20.000.000	740,000,000	605 550 705		401,010.03		(407,010)	1,030,440	
	9/7/2010	Q3		30,000,000	740,000,000	695,550,735	-			30,000,000	727,674	727,674
	9/26/2010	Q3		-	740,000,000	726,278,408	-			-	1,805,872	1,805,872
	10/1/2010	Q4			740,000,000	728,084,280			162,778	(162,778)	475,975	475,975
	10/8/2010	Q4		30,000,000	770,000,000	728,397,478				30,000,000	666.739	666,739
	10/26/2010	Q4		(115,000,000)	655,000,000	759,064,217	1,028,023.33			(116,028,023)	1,787,940	759,916
	10/26/2010	Q4		115,000,000	770,000,000	644,824,133	-			115,000,000	-	-
	11/5/2010	Q4		30,000,000	800,000,000	759,824,133				30,000,000	993,774	993,774
							205 704 44					
	11/9/2010	Q4		(35,000,000)	765,000,000	790,817,908	305,721.11			(35,305,721)	413,562	107,841
	11/9/2010	Q4		(30,000,000)	735,000,000	755,925,749	171,937.50			(30,171,938)	-	(171,938)
	11/9/2010	Q4		(30,000,000)	705,000,000	725,753,811	86,853.33			(30,086,853)		(86,853)
					000,000,000	COE COO 050	00,000.00					(00,000)
	11/9/2010	Q4		95,000,000	800,000,000	695,666,958				95,000,000	-	-
	11/12/2010	Q4		(110,000,000)	690,000,000	790,666,958	955,215.56			(110,955,216)	310,092	(645,123)
	11/12/2010	Q4		(30,000,000)	660,000,000	680,021,835	18,946.67			(30,018,947)		(18,947)
												(10,041)
	11/12/2010	Q4		140,000,000	800,000,000	650,002,888	5.83			139,999,994	-	(6)
	12/6/2010	Q4		20,000,000	820,000,000	790,002,882				20,000,000	2,482,059	2,482,059
	12/23/2010	Q4			820,000,000	812,484,941		8,281.46		(8,281)	1,807,331	1,807,331
								0,201.40	140 077 70			
	1/3/2011	Q1			820,000,000	814,283,991			140,277.78	(140,278)	1,171,579	1,171,579
	1/18/2011	Q1		-	820,000,000	815,315,292	9,000,000			(9,000,000)	1,600,050	(7,399,950)
	1/26/2011	Q1		(115,000,000)	705,000,000	807,915,342	966,600.56			(115,966,601)	845,228	(121,373)
		Q1									,	(.=.,570)
	1/26/2011			115,000,000	820,000,000	692,793,969	440 550 70			115,000,000	4 470 505	4 000 07 1
	2/9/2011	Q1		(20,000,000)	800,000,000	807,793,969	118,552.78			(20,118,553)	1,479,507	1,360,954

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

TAILCo anticipates its financing will be a 7 year loan, where by TAILCo pays Origination Fees of 55.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortae the Origination Fees and Commitments Fees using the standard Internal Rate of Return formals below. Each year, TAILCo will not up the amounts withdrawn, the Interest paid in the year, Originatori Fees, and total boar amount on this attachment.



Origination Fees		
Origination Fees		7,780,954
Addition Origination Fees		15,125
Total Issuance Expense	-	7,796,079
•	=	
	New Borrowing	Old Borrowing
Revolving Credit Commitment Fee	0.005	0.0050
Revolving Credit Commitment Fee	0.005	0.0050

0.0050 0.0037 After borrowing is at the midpoint (\$275,000)

$\begin{array}{ c c c c c c c c c c c c c c c c c c c$											
						797,767.78				-	(797,768)
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2/9/2011	Q1	115,000,000	820,000,000	693,357,156				115,000,000	-	-
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	2/14/2011	Q1	(140,000,000)	680,000,000	808,357,156	1,201,215.56			(141,201,216)	528,453	(672,763)
	2/14/2011	Q1	140,000,000	820,000,000	667,684,393				140,000,000	-	-
				820,000,000	807,684,393		3,098.63			211,164	211,164
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	4/1/2011		-	820,000,000	807,892,458			97,777.78	(97,778)	4,659,577	4,659,577
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	4/14/2011		10,000,000	830,000,000	812,454,257			-	10,000,000	1,381,663	1,381,663
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						949,900.00				1,293,164	343,264
5%/2011 Q2 (140,000,000) 575,000,000 709,639,166 (1,081,920,00) (141,081,920) (1,081,920,00) (1,081,920,00) (1,081,920,00) (1,081,920,00) (1,081,920,00) (1,081,920,00) (1,081,920,00) (1,081,920,00) (1,081,920,00) (1,081,920,00) (1,081,920,01,00,00,00,00) (1,281,610,01,00,00,00,00,0										-	-
Shi/2011 Q2 (10,000,000) 565,000,000 568,557,246 22,375,00 (10,022,375) (22,375,00,000) Shi/2011 Q2 235,000,000 565,034,871 - 235,000,000 - - - - - - - - 235,000,000 - </td <td>5/9/2011</td> <td></td> <td>(115,000,000)</td> <td>715,000,000</td> <td>824,179,184</td> <td>941,620.00</td> <td></td> <td></td> <td>(115,941,620)</td> <td>1,401,603</td> <td>459,983</td>	5/9/2011		(115,000,000)	715,000,000	824,179,184	941,620.00			(115,941,620)	1,401,603	459,983
5/9/2011 Q2 235,000,000 568,534,871 - 235,000,000 - - 5/16/2011 Q2 (235,000,000) 565,000,000 793,534,871 145,034,17 (235,164,034) 726,363 581,33 5/16/2011 Q2 (235,000,000) 565,000,000 793,534,871 145,034,17 (235,144,036) 726,953 581,33 5/16/2011 Q2 (235,000,000) 565,000,000 794,116,200 144,805,69 233,657 (155,41,569) 726,95 522,000,000 672,925 52,000,000 115,541,569) 233,118 (66,71,726,61) 62,32011 Q2 (150,00,000) 466,19,513 - - 62,32011 Q2 20,000,000 466,19,513 - 20,000,000 - 722,66 722,66 722,66 722,66 722,60 - - 720,000,000 466,740,462 9,000,000 466,740,462 9,000,000 466,740,462 9,000,000 (9,00,000) 539,348 549,341 7/15/2011 Q3 (20,000,000 466,740,462 9,000,000	5/9/2011		(140,000,000)	575,000,000	709,639,166	1,081,920.00				-	(1,081,920)
5/f6/2011 Q2 (235,000,000) 565,000,000 733,534,871 145,034,17 (235,145,034) 726,833 5511,5200 5/f6/2011 Q2 (235,000,000) 565,000,000 734,154,200 - 235,000,000 - - - - - 235,000,000 - <td></td> <td>Q2</td> <td></td> <td></td> <td></td> <td>22,375.00</td> <td></td> <td></td> <td></td> <td>-</td> <td>(22,375)</td>		Q2				22,375.00				-	(22,375)
5/f6/2011 Q2 235,000,000 559,116,200 - 225,000,000 - - 5/3/2011 Q2 (235,000,000) 555,000,000 759,116,200 144,805,69 (235,144,806) 726,895 552,000 5/23/2011 Q2 (115,000,000) 550,000,000 659,698,289 307,912,50 233,657 (115,541,569) 239,118 (68,77) 6/23/2011 Q2 (100,0000) 450,000,000 449,395,338 88,994,55 - (50,000,000) - - 726,895 792,66 726,895 792,66 771,726,11 (117,736) 171,736,11 (117,736,11 717,736,11 (117,736,11 717,736,11 (117,736,11 717,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 717,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11 (117,736,11						-					-
5/23/2011 Q2 (235,000,000) 565,000,000 794,116,200 144,805,69 (235,144,806) 726,895 552,00,000 -						145,034.17				726,363	581,329
5/23/2011 Q2 50,000,000 615,000,000 559,688,289 50,000,000 50,000,000 559,688,289 5/26/2011 Q2 (15,000,000) 500,088,289 307,912,50 233,657 (15,541,569) 239,118 (68,77 6/23/2011 Q2 (50,000,000) 440,000,000 444,19,513 - 20,000,000 - 72,562 7/76/2011 Q3 20,000,000 446,119,513 - 20,000,000 - 72,263 7/76/2011 Q3 470,000,000 466,149,513 - 20,000,000 549,898,99 (68,70,412) 7/76/2011 Q3 470,000,000 466,740,462 9,000,000 9,000,000 549,899,399 (68,450,65) 7/25/2011 Q3 (20,000,000) 450,898,813 34,417.78 (20,034,418) 599,399 564,99 10//8/2011 Q4 450,000,000 433,854,811 200,416,67 (290,417) 4902,813 4,902,8 1//7/2012 Q1 450,000,000 433,854,811 200,416,67 (290,417)		Q2				-				-	-
5/26/2011 Q2 (115,000,000) 500,000,000 609,688,289 307,912,50 233,657 (115,541,569) 239,118 (66,77,723,65) 6/23/2011 Q2 20,000,000 446,019,513 - 20,000,000 - 20,000,000 - 20,000,000 - 20,000,000 - 727,62011 Q3 - 20,000,000 - 20,000,000 466,119,513 - 20,000,000 - 727,62011 Q3 470,000,000 466,740,462 9,000,000 549,359 728,63 728,64 729,04 748,63 729,04 748,63 729,04 748,92,83 741,720,2 <td></td> <td></td> <td></td> <td></td> <td></td> <td>144,805.69</td> <td></td> <td></td> <td></td> <td>726,895</td> <td>582,089</td>						144,805.69				726,895	582,089
6(23/2011 Q2 (50,000,000) 450,000,000 494,395,338 88,994,45 (50,088,994) 1,812,670 1,723,6 7(6/2011 Q3 20,000,000 466,119,513 - - 20,000,000 5792,6 7/6/2011 Q3 470,000,000 466,119,513 - 171,736,11 (171,736,17) 7792,835 792,60 7/6/2011 Q3 470,000,000 466,740,462 9,000,000 594,936 792,63 (50,088,994) 564,90 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td>										-	-
6(23/2011 Q2 20,000,000 470,000,000 446,119,513 - - 20,000,000 - - 7/8/2011 Q3 470,000,000 466,119,513 - 171,736,11 (171,736,11) 792,685 792,68 7/15/2011 Q3 470,000,000 466,740,462 9,000,000 (9,000,000) 549,389 (8,450,65) 7/15/2011 Q3 (20,000,000) 458,289,831 34,417.78 - (20,034,418) 599,281 549,329 10/18/2011 Q4 450,000,000 438,854,811 - (20,034,418) 599,281 549,281 10/17/2012 Q1 450,000,000 438,854,811 - (20,04,17) 4,902,8 549,281 3/2/2012 Q1 450,000,000 443,947,207 9,000,000 (9,000,000) 5,306,145 (3,639,38) 3/2/2012 Q3 450,000,000 442,934,522 9,000,000 (9,000,000) 7,874,847 (1,125,11) 11/15/2013 Q1 450,000,000 442,979,652 9,000,000		Q2					233,657				(68,795)
7%/2011 Q3 470 000,000 466,191,513 171,736,11 (171,73		Q2				88,994.45		-		1,812,670	1,723,675
7/15/2011 Q3 470,000,000 466,740,462 9,000,000 (9,000,000) 549,393 (84,500,500,000) 7/25/2011 Q3 (20,000,000) 450,000,000 458,289,831 34,417,78 (20,034,418) 599,398 564,99 10/16/2011 Q4 450,000,000 438,854,811 290,416,67 (20,034,418) 599,398 54,99 11/17/2012 Q1 450,000,000 439,873,352 3,070.00 (9,000,000) 5,306,145 (2,639,24) 2,594,22 7/15/2012 Q3 450,000,000 442,345,52 9,000,000 (9,000,000) 7,874,847 (1,125,11) 1/15/2013 Q3 450,000,000 442,399,652 9,000,000 (9,000,000) 10,740,23 1,740,22 7/15/2013 Q3 450,000,000 442,399,652 9,000,000 (9,000,000) 10,740,23 1,740,22 7/15/2014 Q3 450,000,000 444,584,404 9,000,000 (9,000,000) 10,861,705 1,821,71 1/15/2014 Q3 450,000,000 444,584,404			20,000,000					-		-	-
7/25/2011 Q3 (20,000,000) 450,000,000 458,289,831 34,417.78 - (20,034,418) 599,383 564,99 10/18/2011 Q4 450,000,000 458,854,814 229,416,67 (29,0417) 4902.83 4902.83 11/17/2012 Q1 450,000,000 433,854,814 229,416,67 (29,0417) 4902.83 4902.83 3/2/2012 Q1 450,000,000 439,472,07 9,000,000 5,061,454 (3,893,834) 3/2/2012 Q3 450,000,000 442,364,522 9,000,000 (9,00,000) 7,574,847 (1,125,11) 1/15/2013 Q1 450,000,000 442,393,389 9,000,000 (9,000,000) 10,740,243 1,740,23 7/15/2013 Q3 450,000,000 442,393,599 9,000,000 (9,000,000) 10,740,243 1,740,23 7/15/2013 Q3 450,000,000 442,979,552 9,000,000 (9,000,000) 10,624,752 1,740,24 1/15/2014 Q1 450,000,000 4442,979,452 9,000,000 (9,000,000)								171,736.11			792,685
10/18/2011 Q4 450,000,000 438,854,811 290,416,67 (290,417) 4,902,813 4,902,8 1/17/2012 Q1 450,000,000 433,467,207 9,000,000 (9,000,000) 5,306,145 (3,693,8 3/2/2012 Q1 450,000,000 439,973,352 3,070.00 (9,000,000) 2,594,22 7/15/2012 Q3 450,000,000 442,364,522 9,000,000 (9,000,000) 10,740,243 (1,125,11) 1/15/2013 Q3 450,000,000 442,979,652 9,000,000 (9,000,000) 10,664,752 1,604,77 1/15/2014 Q3 450,000,000 444,284,404 9,000,000 (9,000,000) 10,681,752 1,684,71 1/15/2014 Q3 450,000,000 446,406,108 9,000,000 (9,000,000) 10,686,760 1,686,70											(8,450,631)
1/17/2012 Q1 450 000,000 443,467,207 9,000,000 (9,000,000) 5,306,142 (3,693,832) 3/2/2012 Q1 450,000,000 443,467,207 9,000,000 (3,070) 2,504,240 2,594,2 7/15/2012 Q3 450,000,000 442,364,522 9,000,000 (9,000,000) 7,874,847 (1,125,11) 1/15/2013 Q1 450,000,000 442,393,369 9,000,000 (9,000,000) 10,740,243 1,740,23 7/15/2013 Q3 450,000,000 442,393,452 9,000,000 (9,000,000) 10,740,243 1,740,21 1/15/2013 Q3 450,000,000 442,393,452 9,000,000 (9,000,000) 10,740,243 1,740,21 1/15/2014 Q3 450,000,000 444,584,404 9,000,000 (9,000,000) 10,861,705 18,81,71 1/15/2014 Q3 450,000,000 446,406,108 9,000,000 (9,000,000) 10,861,705 18,81,71 1/15/2014 Q3 450,000,000 446,406,108 9,000,000 (9,000,000)			(20,000,000)			34,417.78					564,980
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7/15/2012 Q3 450,000,000 442,384,522 9,000,000 (9,000,000) 7.874,843 (1,125,11) 1/15/2013 Q1 450,000,000 442,393,869 9,000,000 (9,000,000) 10,740,283 1,740,22 7/15/2013 Q3 450,000,000 442,393,652 9,000,000 (9,000,000) 10,64,752 1,664,71 1/15/2014 Q1 450,000,000 444,584,404 9,000,000 (9,000,000) 10,821,77 18,821,77 7/15/2014 Q3 450,000,000 446,406,108 9,000,000 (9,000,000) 10,821,77 18,821,77						9,000,000					(3,693,855)
1/15/2013 Q1 450,000,000 441,239,369 9,000,000 (9,000,000) 10,740,283 1,740,223 7/15/2013 Q3 450,000,000 442,979,652 9,000,000 (9,000,000) 10,604,752 1,664,77 1/15/2014 Q1 450,000,000 442,468,404 9,000,000 (9,000,000) 10,821,705 18,821,77 7/15/2014 Q3 450,000,000 446,406,108 9,000,000 (9,000,000) 10,826,760 1,866,77							3,070.00				
7/15/2013 Q3 450,000,000 442,979,652 9,000,000 (9,000,000) 10,604,752 16,647,75 1/15/2014 Q1 450,000,000 444,584,404 9,000,000 (9,000,000) 10,604,752 16,604,77 7/15/2014 Q3 450,000,000 446,406,108 9,000,000 (9,000,000) 10,821,77											(1,125,153)
1/15/2014 Q1 450,000,000 444,584,404 9,000,000 (9,000,000) 10,821,705 1,821,71 7/15/2014 Q3 450,000,000 446,406,108 9,000,000 (9,000,000) 10,686,780 1,686,780											1,740,283
7/15/2014 Q3 450,000,000 446,406,108 9,000,000 (9,000,000) 10,686,780 1,686,77											1,604,752
											1,821,705
1/15/2015 Q1 (459,000,000) - 448,092,888 9,000,000 (459,000,000) 10,907,105 1,907,1				450,000,000							1,686,780
	1/15/2015	Q1	(450,000,000)	-	448,092,888	9,000,000			(459,000,000)	10,907,105	1,907,105
											-
	I										

Commitment fees for 4th quarter 2008

ATTACHMENT 3 Accounting of Transfers Between CWIP and Plant In Service

Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plar in Service
			TrAIL Projects		
			502 Junction to Territorial Line		
5062809	821498358	35610	PEVA-Loudoun-Mdw Brk #535 Repl LAPP	196,614.80	March 1, 2018
	478229242	35022, 35400, 35610, 35500, 35620		523.51	January 1, 2018
	478229242	35022, 35400, 35610, 35500, 35620		3,750.00	February 1, 2018
	478229242	35022, 35400, 35610, 35500, 35620		3,750.00	March 1, 2018
	478229242	35022, 35400, 35610, 35500, 35620		3,750.00	April 1, 2018
	478229242	35022, 35400, 35610, 35500, 35620	Line Construction 2	3,750.00	May 1, 2018
	478229242	35022, 35400, 35610, 35500, 35620	Line Construction 2	3,750.00	June 1, 2018
	478229242	35022, 35400, 35610, 35500, 35620	Line Construction 2	7,500.00	August 1, 2018
	478229242	35022, 35400, 35610, 35500, 35620		3,750.00	September 1, 2018
	478229242	35022, 35400, 35610, 35500, 35620		11,250,00	November 1, 2018
13412255		, , , , , , , , , ,	Total	41,773.51	
13416100	478316423	35022, 35400, 35610, 35620	Line Construction 16	105,053.00	August 1, 2018
13418596	478437863	35022, 35400, 35500, 35610, 35620	Line Construction 1	298.71	May 1, 2018
					-
13419997	478541318	35500 35610	Line Construction 3	3,048.71	February 1, 2018
13420168	478541516	35500 35610	Appalachian TrAIL - Loudoun Line	3,050.00	April 1, 2018
	740069164	35610	502 Jct. Mt Storm 500ky	0.96	January 1, 2018
	740069164	35610	502 Jct. Mt Storm 500kv	867.26	March 1, 2018
	740069164	35610	502 Jct. Mt Storm 500kv	(3.21)	April 1, 2018
14620046	110000101	00010	Total	865.01	, pin 1, 2010
14692817	759166158	35610	TrAIL - VA TL 500 kv	0.33	January 1, 2018
	770275175	35610	502 Jct - Mt Storm 500kV	0.08	January 1, 2018
	770275175	35610	502 Jct - Mt Storm 500kV	(64,210.90)	March 1, 2018
	770275175	35610	502 Jct - Mt Storm 500kV	19,876.32	April 1, 2018
4732069	110210110	00010	Total	(44,334.50)	, pin 1, 2010
	770346587	35610	Mt Storm-Mdwbrk 500kV	0.08	January 1, 2018
	770346587	35610	Mt Storm-Mdwbrk 500kV	202.88	November 1, 2018
4732988	770346587	35610	Mt Storm-Mdwbrk 500kV Total	(8,937.35) (8,734.39)	December 1, 2018
	804969618	35610	502 Jct - Mt Storm #536 Repl OPGW	3,949.09	January 1, 2018
	804969618	35610	502 Jct - Mt Storm #536 Repl OPGW	(78,800.61)	November 1, 2018
14936079	804969618	35610	502 Jct - Mt Storm #536 Repl OPGW Total	(303,414.46) (378,265.98)	December 1, 2018
14940439	806721858	35610	502 Junction-MT Storm 500kv	90,143.86	November 1, 2018
	811995625	35300	FE South Trans HQ-Inst MPLS Router	3.11	January 1, 2018
4991086	811995625	35300	FE South Trans HQ-Inst MPLS Router Total	<u>(353,190.09)</u> (353,186.98)	April 1, 2018
	818278878	35610	PEWV-Mdw Brk-Mt Storm #529-Repl LAPP	153,334.81	March 1, 2018
	818278878	35610	PEWV-Mdw Brk-Mt Storm #529-Repl LAPP		April 1, 2018
	818278878	35610		(8,660.41)	
			PEWV-Mdw Brk-Mt Storm #529-Repl LAPP	68,862.56	May 1, 2018
	818278878	35610	PEWV-Mdw Brk-Mt Storm #529-Repl LAPP	9,299.51	June 1, 2018
	818278878	35610	PEWV-Mdw Brk-Mt Storm #529-Repl LAPP	24,857.39	July 1, 2018
	818278878	35610	PEWV-Mdw Brk-Mt Storm #529-Repl LAPP	11,461.79	August 1, 2018
	818278878	35610	PEWV-Mdw Brk-Mt Storm #529-Repl LAPP	19,835.42	September 1, 2018
	818278878	35610	PEWV-Mdw Brk-Mt Storm #529-Repl LAPP	(70.39)	October 1, 2018
	818278878	35610	PEWV-Mdw Brk-Mt Storm #529-Repl LAPP	2.25	November 1, 2018
5036221			Total	278,922.93	

Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
		Cub / locount		, unoun	
			TrAIL Projects		
	818278879	35610	502 jct-Mt Storm #536-Repl LAPP ins	38,687.59	May 1, 2018
	818278879	35610	502 jct-Mt Storm #536-Repl LAPP ins	4,810.18	June 1, 2018
	818278879	35610	502 jct-Mt Storm #536-Repl LAPP ins	2,784.72	July 1, 2018
4500000	818278879	35610	502 jct-Mt Storm #536-Repl LAPP ins	76.33	August 1, 2018
15036222			Total	46,358.82	
	818278880	35610	Meadow Brk-Mt Storm #529-Repl LAPP	57,583.87	March 1, 2018
	818278880	35610	Meadow Brk-Mt Storm #529-Repl LAPP	17,809.26	April 1, 2018
	818278880	35610	Meadow Brk-Mt Storm #529-Repl LAPP	(15,270.07)	May 1, 2018
	818278880 818278880	35610 35610	Meadow Brk-Mt Storm #529-Repl LAPP Meadow Brk-Mt Storm #529-Repl LAPP	9,873.66 3,866.95	June 1, 2018 July 1, 2018
	818278880	35610	Meadow Brk-Mt Storm #529-Repl LAPP	71.51	September 1, 2018
	818278880	35610	Meadow Brk-Mt Storm #529-Repl LAPP	0.62	October 1, 2018
15036223			Total	73,935.80	
	818278744	35610	502 jct-Mt Storm #536-Repl LAPP ins	(180,295.85)	May 1, 2018
	818278744	35610	502 jct-Mt Storm #536-Repl LAPP ins	145,442.01	June 1, 2018
	818278744	35610	502 jct-Mt Storm #536-Repl LAPP ins	4,268.71	July 1, 2018
	818278744	35610	502 jct-Mt Storm #536-Repl LAPP ins	33.98	August 1, 2018
	818278744	35610	502 jct-Mt Storm #536-Repl LAPP ins	71.67	September 1, 2018
15036224	818278744	35610	502 jct-Mt Storm #536-Repl LAPP ins Total	(21.99) (30,501.47)	October 1, 2018
	004 400050	05010	DEV/A Lawdows Mater Date #E05 Deal LADD		A
	821498358 821498358	35610 35610	PEVA-Loudoun Mdw Brk #535 Repl LAPP PEVA-Loudoun Mdw Brk #535 Repl LAPP	10,298.27 13,823.57	April 1, 2018 May 1, 2018
	821498358	35610	PEVA-Loudoun Mdw Brk #535 Repi LAPP	1,708.34	June 1, 2018
	821498358	35610	PEVA-Loudoun Mdw Brk #535 Repl LAPP	(10,731.49)	July 1, 2018
	821498358	35610	PEVA-Loudoun Mdw Brk #535 Repl LAPP	139.20	August 1, 2018
	821498358	35610	PEVA-Loudoun Mdw Brk #535 Repl LAPP	77.56	October 1, 2018
15062809			Total	15,315.45	
	821498359	35610	PEVA-Mdw Brk-Mt Storm #529-Repl LAPP	179,956.06	March 1, 2018
	821498359	35610	PEVA-Mdw Brk-Mt Storm #529-Repl LAPP	3,854.85	April 1, 2018
	821498359	35610	PEVA-Mdw Brk-Mt Storm #529-Repl LAPP	32,429.70	May 1, 2018
	821498359 821498359	35610 35610	PEVA-Mdw Brk-Mt Storm #529-Repl LAPP PEVA-Mdw Brk-Mt Storm #529-Repl LAPP	3,999.95 10,534.63	June 1, 2018 July 1, 2018
	821498359	35610	PEVA-Mdw Brk-Mt Storm #529-Repl LAPP	12,702.07	August 1, 2018
15062810	021100000	00010	Total	243,477.26	7 agust 1, 2010
	850588822	35610	Meadow Brook - Mt. Storm	(42,266.93)	January 1, 2018
	850588822	35610	Meadow Brook - Mt. Storm	0.02	February 1, 2018
15280841			Total	(42,266.91)	
15556076	3389017329	35300	Meadow Brook SVC-Repl Cooper SMP-16	(9,619.22)	September 1, 2018
	3405708956	35610	529 Line Meadowbrook-Mt. Storm 500k	1,054.78	March 1, 2018
	3405708956	35610	529 Line Meadowbrook-Mt. Storm 500k	(5,528.09)	April 1, 2018
	3405708956	35610	529 Line Meadowbrook-Mt. Storm 500k	<u>121.02</u>	May 1, 2018
15706652			Total	(4,352.29)	
	Various	35620	Vegetation Management	6,821.77	January 1, 2018
	Various	35620	Vegetation Management	14,021.64	February 1, 2018
	Various Various	35620	Vegetation Management	6,869.37	March 1, 2018
	Various Various	35620 35620	Vegetation Management Vegetation Management	12,116.71 17,389.68	April 1, 2018 May 1, 2018
	Various	35620	Vegetation Management	32,307.02	June 1, 2018
	Various	35620	Vegetation Management	3,566.20	July 1, 2018
	Various	35620	Vegetation Management	6,407.57	August 1, 2018
	Various	35620	Vegetation Management	11,228.88	September 1, 2018
	Various	35620	Vegetation Management	69,819.85	October 1, 2018
	Various Various	35620 35620	Vegetation Management Vegetation Management	4,639.04 11,126.07	November 1, 2018 December 1, 2018
Various	variOus	55020	Total	196,313.80	200011001 1, 2010
			Total 502 Junction to Territorial Line	423,910.25	

Work Order ID	Work Order Number	FERC Account 101/106	Broket / Description	Amount	Date of Transfer from CWIP to Plant
Work Order ID	Work Order Number	Sub-Account	Project / Description	Amount	in Service
			TrAIL Projects		
			Other Projects		
13241102	499618586	35011, 35220, 35300	Four Mile Junction 230/115kV	108.00	November 1, 2018
	511281437	35210, 35300	Mansfield-Everts Dr-Build new 345/1	110.87	January 1, 2018
	511281437	35210, 35300	Mansfield-Everts Dr-Build new 345/1	15.68	February 1, 2018
13302963	511281437	35210, 35300	Mansfield-Everts Dr-Build new 345/1 Total	<u>17.97</u> 144.52	August 1, 2018
	509201475	35500	Rider 138kV Line ext	327.40	January 1, 2018
	509201475	35500	Rider 138kV Line ext	<u>2,511.29</u>	December 1, 2018
13469732			Total	2,838.69	
	523690351	35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV	15,657.58	January 1, 2018
	523690351	35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV	2,907.21	February 1, 2018
	523690351	35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV	6,086.29	March 1, 2018
	523690351 523690351	35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV Pierce Brook Sub: Install 345/230 kV	9,093.51	April 1, 2018
	523690351 523690351	35210, 35220, 35300 35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV Pierce Brook Sub: Install 345/230 kV	3,650.20 537.89	May 1, 2018 June 1, 2018
	523690351	35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV	225,106.42	July 1, 2018
	523690351	35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV	(221,658.09)	August 1, 2018
	523690351	35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV	(2,094.62)	September 1, 2018
	523690351	35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV	(2,091.97)	October 1, 2018
	523690351	35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV	100.95	November 1, 2018
13547208	523690351	35210, 35220, 35300	Pierce Brook Sub: Install 345/230 kV Total	<u>43.95</u> 37,339.32	December 1, 2018
	E12060026	25022	Troil DOW Didor CC Ding Dup 8 429 k		January 1, 2019
	513060926 513060926	35022 35022	Trail ROW-Rider SS Ring Bus & 138 k Trail ROW-Rider SS Ring Bus & 138 k	1,279.14 13,184.59	January 1, 2018 February 1, 2018
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	880.15	March 1, 2018
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	61.76	April 1, 2018
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	8,215.74	May 1, 2018
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	(16,634.39)	June 1, 2018
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	514.29	July 1, 2018
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	110.88	August 1, 2018
13721318	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k Total	<u>9.58</u> 7,621.74	September 1, 2018
13722767	513124964	35210, 35220, 35300	TrAIL -Rider SS Ring Bus	777.27	February 1, 2018
13722842	713632077	35210, 35220, 35300	Rider SS: Ring Bus & 138 kV Line	(630.48)	February 1, 2018
13729656	654797192	35300	Mobley SS: Add Capacitor	(27,305.32)	August 1, 2018
14057705	534342055	35210, 35300	Squab Hollow SS: TrAILCo CIAC/230-	506.99	April 1, 2018
			Oak Mound - Waldo Run 138 kv		-
	544395083 544395083	35610 35610, 35900	Oak Mound - Waldo Run 138 kv	730.70 63,891.60	January 1, 2018 February 1, 2018
	544395083	35610, 35900	Oak Mound - Waldo Run 138 kv	5,801.95	March 1, 2018
	544395083	35610, 35900	Oak Mound - Waldo Run 138 kv	2,426.27	April 1, 2018
	544395083	35610, 35900	Oak Mound - Waldo Run 138 kv	20,098.16	May 1, 2018
	544395083	35610, 35900	Oak Mound - Waldo Run 138 kv	(30,644.85)	June 1, 2018
	544395083	35610, 35900 35610, 35900	Oak Mound - Waldo Run 138 kv	294,097.08	July 1, 2018
	544395083 544395083	35610, 35900	Oak Mound - Waldo Run 138 kv Oak Mound - Waldo Run 138 kv	(1,898.82) 528,947.45	August 1, 2018 September 1, 2018
	544395083	35610, 35900	Oak Mound - Waldo Run 138 kv	86,276.01	October 1, 2018
	544395083	35610, 35900	Oak Mound - Waldo Run 138 kv	54,777.06	November 1, 2018
	544395083	35610, 35900	Oak Mound - Waldo Run 138 kv	5,274.50	December 1, 2018
14080138			Total	1,029,777.11	
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	10,448.86	January 1, 2018
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	6,961.50	February 1, 2018
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	2,953.72	March 1, 2018
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	(223.94)	April 1, 2018
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	1,221.38	May 1, 2018
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	5,109.89	June 1, 2018
	540699748 540699748	35210, 35220, 35300 35210, 35220, 35300	Erie South: Install +250/-100 MVAR Erie South: Install +250/-100 MVAR	433.98 194.87	July 1, 2018 August 1, 2018
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	(1,582.35)	September 1, 2018
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	1,887.54	October 1, 2018
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	622.81	November 1, 2018
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	(1,632.46)	December 1, 2018
14197715			Total	26,395.80	

Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
			TrAIL Projects		
14203423	540946829	35300	Monocacy SS - Install SVC	1,480,294.17	April 1, 2018
	540946841	35300	Monocacy SS - Inst. SVC Facilities	0.04	January 1, 2018
14203470	540946841 540946841	35300 35300	Monocacy SS - Inst. SVC Facilities Monocacy SS - Inst. SVC Facilities	(1,595,719.93) (756.24)	April 1, 2018 October 1, 2018
11200110		00000	Total	(1,596,476.13)	0000001 1, 2010
	544496386	35022	Oak Mound - Waldo Run #1	7,464.21	January 1, 2018
	544496386	35022	Oak Mound - Waldo Run #1	7,400.00	February 1, 2018
	544496386	35022	Oak Mound - Waldo Run #1	11,842.69	March 1, 2018
	544496386	35022	Oak Mound - Waldo Run #1	25,500.89	April 1, 2018
	544496386 544496386	35022 35022	Oak Mound - Waldo Run #1 Oak Mound - Waldo Run #1	14,206.81 (9,699.23)	May 1, 2018 June 1, 2018
	544496386	35022	Oak Mound - Waldo Run #1 Oak Mound - Waldo Run #1	(9,699.23) 608.92	July 1, 2018
	544496386	35022	Oak Mound - Waldo Run #1	31,920.72	August 1, 2018
	544496386	35022	Oak Mound - Waldo Run #1	2,791.27	September 1, 2018
	544496386	35022	Oak Mound - Waldo Run #1	85.13	October 1, 2018
	544496386	35022	Oak Mound - Waldo Run #1	<u>85.13</u>	December 1, 2018
14258354			Total	92,206.54	
	544530217	35300	Oak Mound Terminal Addition	0.35	January 1, 2018
	544530217	35300	Oak Mound Terminal Addition	2,234.59	February 1, 2018
	544530217 544530217	35300 35300	Oak Mound Terminal Addition Oak Mound Terminal Addition	4,152.25 70.87	March 1, 2018 April 1, 2018
	544530217	35300	Oak Mound Terminal Addition	<u>3,496.54</u>	October 1, 2018
14258663	011000211	00000	Total	9,954.60	0000001 1, 2010
14265429	654797117	35300	Bartonville 138 kV 32.4 Cap Topside	0.25	January 1, 2018
	545657671	35300	Const New Richwood Hill SS	63,707.21	January 1, 2018
	545657671	35300	Const New Richwood Hill SS	3,559.33	February 1, 2018
	545657671 545657671	35300 35300	Const New Richwood Hill SS Const New Richwood Hill SS	6,771.49 19,466.92	March 1, 2018 April 1, 2018
	545657671	35300	Const New Richwood Hill SS	13,262.07	May 1, 2018
	545657671	35300	Const New Richwood Hill SS	23,997.37	June 1, 2018
	545657671	35300	Const New Richwood Hill SS	18,654.95	July 1, 2018
	545657671	35300	Const New Richwood Hill SS	(11,075.65)	August 1, 2018
	545657671	35300	Const New Richwood Hill SS	1,235.32	September 1, 2018
	545657671	35300	Const New Richwood Hill SS	16,670.77	October 1, 2018
	545657671	35300	Const New Richwood Hill SS Const New Richwood Hill SS	941.93	November 1, 2018
14276743	545657671	35300	Total	<u>11,596.32</u> 168,788.03	December 1, 2018
	678978199	35300	Waldo Run Sub	2,689.96	January 1, 2018
	678978199	35300	Waldo Run Sub	263.44	February 1, 2018
	678978199 678978199	35300 35300	Waldo Run Sub Waldo Run Sub	20.90 102.72	April 1, 2018 July 1, 2018
	678978199	35300	Waldo Run Sub	9.08	August 1, 2018
4435971	010010100	00000	Total	3,086.10	, lagdol 1, 2010
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	288,694.35	January 1, 2018
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	13,331.34	February 1, 2018
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	51,741.74	March 1, 2018
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	152,323.60	April 1, 2018
	6895555910 6895555910	35500, 35610, 35900 35500, 35610, 35900	Oak Mound - Waldo Run #1 Oak Mound - Waldo Run #1	147,677.68 118,598.73	May 1, 2018 June 1, 2018
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1 Oak Mound - Waldo Run #1	(128,238.64)	July 1, 2018
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	162,206.06	August 1, 2018
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	(222,427.65)	September 1, 2018
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	215,685.24	October 1, 2018
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	(98,142.51)	November 1, 2018
4404400	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	13,334.46	December 1, 2018
14464108			Total	714,784.40	

		FERC Account 101/106			Date of Transfer from CWIP to Plan
Work Order ID	Work Order Number	Sub-Account	Project / Description	Amount	in Service
			TrAIL Projects		
	696302028	35210, 35220, 35300	Warren: Install 4 breaker 230Kv	(1,949.80)	January 1, 2018
	696302028	35210, 35220, 35300	Warren: Install 4 breaker 230Kv	1,194.01	February 1, 2018
	696302028	35210, 35220, 35300	Warren: Install 4 breaker 230Kv	3,328.33	March 1, 2018
	696302028 696302028	35210, 35220, 35300 35210, 35220, 35300	Warren: Install 4 breaker 230Kv Warren: Install 4 breaker 230Kv	598.29 1,031.02	April 1, 2018 May 1, 2018
	696302028	35210, 35220, 35300	Warren: Install 4 breaker 230Kv	1,503.82	June 1, 2018
	696302028	35210, 35220, 35300	Warren: Install 4 breaker 230Kv	(33,051.44)	July 1, 2018
	696302028	35210, 35220, 35300	Warren: Install 4 breaker 230Kv	(26,154.56)	August 1, 2018
	696302028	35210, 35220, 35300	Warren: Install 4 breaker 230Kv	(1,884.72)	September 1, 2018
	696302028	35210, 35220, 35300	Warren: Install 4 breaker 230Kv	5,124.45	October 1, 2018
1490072	696302028	35210, 35220, 35300	Warren: Install 4 breaker 230Kv Total	<u>208.08</u>	December 1, 2018
	606060222	25200		(50,052.52)	Ostabar 1, 2018
4492232	696960233	35300	Nyswaner - Install a 51.8 MVAR	36.91	October 1, 2018
	710349743 710349743	35500, 35610 35500, 35610	138-kV Loop to Rider Sub 138-kV Loop to Rider Sub	415.44 505.59	January 1, 2018 February 1, 2018
	710349743	35500, 35610	138-kV Loop to Rider Sub	542.85	April 1, 2018
4516970	110010110		Total	1,463.88	, p.ii 1, 2010
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	(6,619.65)	January 1, 2018
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	879.62	February 1, 2018
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	27.34	March 1, 2018
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	29.34	April 1, 2018
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	491.80	May 1, 2018
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	(37.72)	June 1, 2018
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	(44.90)	July 1, 2018
	711507286	35210, 35220, 35300 35210, 35220, 35300	Joffre Substation - Construct 138kv	2,259.58	August 1, 2018
	711507286 711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv Joffre Substation - Construct 138kv	1,125.48 3,823.45	September 1, 2018 October 1, 2018
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	2,514.32	November 1, 2018
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	<u>6,922.07</u>	December 1, 2018
4528199	111001200	00210, 00220, 00000	Total	11,370.73	December 1, 2010
4567379	722336291	35300	Doubs SS: Replace Stn Svc Transform	(8,950.48)	March 1, 2018
4592565	731243898	35300	At Joffre-Inst Bkr Equip for MarkWe	(5,755.73)	February 1, 2018
4627180	739201180	35300	Shuman Hill/Mobley Add Capacitor	47,488.02	February 1, 2018
	745092783	35011	Joffre SS Land Purchase	165.25	January 1, 2018
	745092783	35011	Joffre SS Land Purchase	25,791.35	March 1, 2018
	745092783	35011	Joffre SS Land Purchase	255.86	April 1, 2018
4651143			Total	26,212.46	
	751292370	35300	Damascus SS-Inst 230Kv Capacitor	4,142.10	January 1, 2018
	751292370	35300	Damascus SS-Inst 230Kv Capacitor	1,443.45	February 1, 2018
	751292370	35300	Damascus SS-Inst 230Kv Capacitor	114.33	April 1, 2018
	751292370	35300	Damascus SS-Inst 230Kv Capacitor	6,619.37	June 1, 2018
4667784	751292370	35300	Damascus SS-Inst 230Kv Capacitor Total	<u>363.37</u> 12,682.62	July 1, 2018
1007704			10tai	12,002.02	
	753545861	35300	Pierce Brook SS-Inst 345 Kv Shunt Re	9,403,242.40	May 1, 2018
	753545861	35300	Pierce Brook SS-Inst 345 Kv Shunt Re	299,903.33	June 1, 2018
	753545861	35300	Pierce Brook SS-Inst 345 Kv Shunt Re	421,428.99	July 1, 2018
	753545861	35300	Pierce Brook SS-Inst 345 Kv Shunt Re Pierce Brook SS-Inst 345 Kv Shunt Re	107,947.03	August 1, 2018
	753545861	35300		103,388.83	September 1, 2018
	753545861 753545861	35300 35300	Pierce Brook SS-Inst 345 Kv Shunt Re Pierce Brook SS-Inst 345 Kv Shunt Re	(101,481.42) 20,289.72	October 1, 2018 November 1, 2018
	753545861	35300	Pierce Brook SS-Inst 345 Kv Shunt Re	<u>(1,783.64)</u>	December 1, 2018
4674519	100010001	00000	Total	10,252,935.24	20001112011, 2010
	753546385	35300	Mainsburg SS-Inst 2nd Pilot Commun	(15,806.71)	January 1, 2018
	753546385	35300	Mainsburg SS-Inst 2nd Pilot Commun	5,036.61	February 1, 2018
	753546385	35300	Mainsburg SS-Inst 2nd Pilot Commun	382.16	April 1, 2018
1674548			Total	(10,387.94)	
4716425	765959807	35300	Mainsburg Substation	7.97	January 1, 2018
4744334	774109364	35300	Doubs-Repl Arrestoers on T3 Xfmr	44,040.12	January 1, 2018
4744355	774109415	35300	Cabot-Repl Arresters on Bank #3	(200.93)	August 1, 2018
	802538931	35300	Meadow Brook SS: Replace CVT	(0.02)	January 1, 2018
	802538931	35300	Meadow Brook SS: Replace CVT	(0.02) (11,293.11)	February 1, 2018
			Total	(11,293.13)	
4918464				(11,200.10)	
1918464	007044047	05000			lanuari (. 0045
1918464	827341817 827341817	35300 35300	502 Junction-Inst DWDM Node 502 Junction-Inst DWDM Node	2,362.25 (507,351.83)	January 1, 2018 October 1, 2018

Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
			TrAIL Projects		
			-		
5036221	818278878	35610	PEWV-Mdw Brk-Mt Storm#529-Repl LAPP	(807,059.84)	August 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	1,311.97	January 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	153.87	February 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	827.66	March 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	467.94	April 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	52.76	May 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	153.87	June 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	3,894.78	July 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	(271.31)	August 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	3,709.40	September 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	962.00	October 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	1,118.83	November 1, 2018
	819169327	35300	Meadow Brook -Inst DWDM Node	552.50	December 1, 2018
045085			Total	12,934.27	
	819168369	35300	Meadow Brook-Inst MPLS Router	317,853.38	May 1, 2018
	819168369	35300	Meadow Brook-Inst MPLS Router	202.49	June 1, 2018
	819168369	35300	Meadow Brook-Inst MPLS Router	9.25	July 1, 2018
	819168369	35300	Meadow Brook-Inst MPLS Router		
5045134	013100303	33300	Total	<u>1,076.67</u> 319,141.79	December 1, 2018
	819169421	35300	Meadow Brook SVC-Inst MPLS Router	42,335.19	April 1, 2018
	819169421	35300	Meadow Brook SVC-Inst MPLS Router	3,299.27	May 1, 2018
045135	819169421	35300	Meadow Brook SVC-Inst MPLS Router Total	<u>12.28</u> 45,646.74	June 1, 2018
	040402400	05000			
	819169432	35300	502 Junction-Inst MPLS Router	9,411.04	January 1, 2018
	819169432	35300	502 Junction-Inst MPLS Router	328.06	February 1, 2018
	819169432	35300	502 Junction-Inst MPLS Router	10.67	March 1, 2018
	819169432	35300	502 Junction-Inst MPLS Router	24.74	April 1, 2018
	819169432		502 Junction-Inst MPLS Router		
		35300		1,301.53	May 1, 2018
	819169432	35300	502 Junction-Inst MPLS Router	3,675.03	July 1, 2018
	819169432	35300	502 Junction-Inst MPLS Router	<u>(1,386.22)</u>	August 1, 2018
045170			Total	13,364.85	
82975	823826588	35300	Joffe-Inst Microwave Tower at Joff	0.11	January 1, 2018
	824654603	35300	Kammer- T200 Xfmr repair	7,660.19	March 1, 2018
	824654603	35300	Kammer- T200 Xfmr repair	11,247.06	April 1, 2018
	824654603	35300	Kammer- T200 Xfmr repair	(23,825.75)	May 1, 2018
	824654603	35300	Kammer- T200 Xfmr repair	20,463.45	July 1, 2018
	824654603	35300	Kammer- T200 Xfmr repair	2,397.80	August 1, 2018
085575	024004003	33300	Total	<u>2,397.80</u> 17,942.75	nuguot 1, 2010
144925	833593997	35300	Joffre SS: Construct 138kv Switch	50.05	January 1, 2018
					-
	834027523	35210	TREP - Waldo Run-Repairs along main	249,984.91	January 1, 2018
	834027523	35210	TREP - Waldo Run-Repairs along main	(147,640.38)	February 1, 2018
	834027523	35210	TREP - Waldo Run-Repairs along main	51,209.15	March 1, 2018
	834027523	35210	TREP - Waldo Run-Repairs along main	26,654.47	April 1, 2018
	834027523	35210	TREP - Waldo Run-Repairs along main	118,028.97	May 1, 2018
	834027523	35210	TREP - Waldo Run-Repairs along main	61,623.03	June 1, 2018
			TREP - Waldo Run-Repairs along main		
	834027523	35210		41,924.93	July 1, 2018
	834027523	35210	TREP - Waldo Run-Repairs along main	24,043.45	August 1, 2018
	834027523	35210	TREP - Waldo Run-Repairs along main	20,361.59	September 1, 2018
	834027523	35210	TREP - Waldo Run-Repairs along main	2,916.39	October 1, 2018
	834027523	35210	TREP - Waldo Run-Repairs along main	18,803.41	November 1, 2018
	834027523	35210	TREP - Waldo Run-Repairs along main	471.47	December 1, 2018
150073	00.021020	55210	Total	468,381.39	_000000000 1, 2010
	836242181	35300	Richwood Hill SVC-Inst a +90/-30 Mv	1,128.50	April 1, 2018
		35300	Richwood Hill SVC-Inst a +90/-30 Mv		May 1, 2018
165673	836242181	33300	Richwood Hill SVC-Inst a +90/-30 MV Total	<u>250.76</u> 1,379.26	way 1, 2016
	044707407	05000			
223087	844707107	35300	Richwood Hill 138KV Line CCVT	1.32	January 1, 2018
	847075149	35300	Meadow Brook SS: Replace Minitor	1.61	January 1, 2018
	847075149	35300	Meadow Brook SS: Replace Minitor	4,903.64	September 1, 2018
251957	847075149	35300	Meadow Brook SS: Replace Minitor Total	<u>45.66</u> 4,950.91	October 1, 2018
	0570 (0500	05000			
	857642589	35300	Black Oak MD- Trail EHV	34,996.42	January 1, 2018
	857642589	35300	Black Oak MD- Trail EHV	14,856.28	February 1, 2018
	857642589	35300	Black Oak MD- Trail EHV	197,154.70	March 1, 2018
	857642589	35300	Black Oak MD- Trail EHV	3,204.51	April 1, 2018
	857642589	35300	Black Oak MD- Trail EHV	801.71	May 1, 2018
			Black Oak MD- Trail EHV	281.74	June 1, 2018
330859	857642589	35300	Total	251,295.36	June 1, 2010
			i Grai	201,290.30	
1980	860526747	35300	Joffre Sub-Inst fence within substation	5.69	January 1, 2018

Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Decerimien	Amount	Date of Transfer from CWIP to Plant
Work Order ID	Work Order Number	Sub-Account	Project / Description	Amount	in Service
			TrAIL Projects		
	3369924630	35011	Real Estate for Pierce Brook Shunt	5.21	January 1, 2018
	3369924630	35011	Real Estate for Pierce Brook Shunt	361.82	May 1, 2018
	3369924630	35011	Real Estate for Pierce Brook Shunt	(241.28)	June 1, 2018
	3369924630	35011	Real Estate for Pierce Brook Shunt	706.10	October 1, 2018
	3369924630	35011	Real Estate for Pierce Brook Shunt	(465.02)	November 1, 2018
15417099			Total	366.83	
15435831	3372644707	35300	Black Oak SVC-Inst Physical Securit	493,085.53	December 1, 2018
	3384867816	35300	502 JCT-Int enhanced security syst	3,567,853.49	November 1, 2018
	3384867816	35300	502 JCT-Int enhanced security syst	189,489.58	December 1, 2018
15528779			Total	3,757,343.07	
	3389017329	35300	Meadow Brook SVC-Repl Cooper SMP-16	3,116.45	January 1, 2018
	3389017329	35300	Meadow Brook SVC-Repl Cooper SMP-16	14,102.60	February 1, 2018
	3389017329	35300	Meadow Brook SVC-Repl Cooper SMP-16	2,276.49	March 1, 2018
	3389017329	35300	Meadow Brook SVC-Repl Cooper SMP-16	(938.09)	April 1, 2018
15556076			Total	18,557.45	
15677526	3402355290	35300	Conemaugh RTU Replacement	36,665.25	September 1, 2018
15677573	3402357354	35300	Conemaugh- Install Security (ESS)	300,529.53	August 1, 2018
	3407928404	35300	Black Oak SVC - Replace coils	44,624.32	April 1, 2018
	3407928404	35300	Black Oak SVC - Replace coils	28,470.14	May 1, 2018
	3407928404	35300	Black Oak SVC - Replace coils	1,935.78	June 1, 2018
15727156			Total	75,030.24	
13729656	654797192	35300	Mobley SS: Add Capacitor	(55,025.16)	November 1, 2018
			Total Other Projects	16,709,406.63	
			Total Additions	17,133,316.88	