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September 1, 2017

To: Parties to FERC Docket No. ER08-386-000

**Re: Potomac-Appalachian Transmission Highline, LLC
PJM Open Access Transmission Tariff, Attachment H-19
Projected Transmission Revenue Requirement for Rate Year 2018**

Pursuant to section IV of the Formula Rate Implementation Protocols (“Protocols”) set forth in Attachment H-19B of the PJM Open Access Transmission Tariff (“PJM OATT”),¹ Potomac-Appalachian Transmission Highline, LLC (“PATH”), on behalf of its operating companies PATH West Virginia Transmission Company, LLC and PATH Allegheny Transmission Company, LLC, is submitting a Projected Transmission Revenue Requirement for Rate Year 2018 (“2018 PTRR”) to PJM for posting.

The 2018 PTRR was developed pursuant to the PATH formula rate as set forth in Attachment H-19 of the PJM OATT. PATH has asked PJM to post a copy of the 2018 PTRR to the transmission service formula rates section of its internet site, located at:

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

A copy of the 2018 PTRR is attached. Pursuant to section IV.C of the Protocols, within two business days of this submission to PJM, PATH will provide notice on PJM’s website of the time, date and location of an open meeting among Interested Parties.

¹ PJM Interconnection, L.L.C., FERC Electric Tariff, Sixth Revised Volume No. 1.

Attachment H

**PATH SUMMARY OF REFUNDS/(SURCHARGES), Regulatory Order No. 554 WITH INTEREST
to be included in 2018 PTRR**

PATH-AYE				PATH-WV			
	Over/(Under) Recovery	Interest [2]	Total Refund/(Surcharge)		Over/(Under) Recovery	Interest [2]	Total Refund/(Surcharge)
2008	\$ 11,613	\$ 6,462	\$ 18,075	2008	\$ 111,527	\$ 62,059	\$ 173,586
2009	\$ 1,111,955	\$ 363,810	\$ 1,475,764	2009	\$ 2,308,994	\$ 755,457	\$ 3,064,451
2010	\$ 997,603	\$ 273,307	\$ 1,270,910	2010	\$ 1,524,450	\$ 417,644	\$ 1,942,094
2011	\$ 230,779	\$ 55,483	\$ 286,261	2011	\$ 552,488	\$ 132,827	\$ 685,315
2012	\$ 3,178,853	\$ 657,194	\$ 3,836,047	2012	\$ 3,069,482	\$ 634,583	\$ 3,704,065
2013	\$ 195,196	\$ 33,630	\$ 228,825	2013	\$ 627,004	\$ 108,024	\$ 735,028
2014	\$ 84,387	\$ 11,664	\$ 96,051	2014	\$ 497,799	\$ 68,807	\$ 566,606
2015	\$ (8,863)	\$ (937)	\$ (9,800)	2015	\$ 396,483	\$ 41,916	\$ 438,399
2016	\$ (71,308)	\$ (5,409)	\$ (76,718)	2016	\$ 88,814	\$ 6,737	\$ 95,552
	\$ 5,730,213	\$ 1,395,203	\$ 7,125,416 [3]		\$ 9,177,043	\$ 2,228,054	\$ 11,405,096 [5]
2016TU [1]	\$ 336,289	\$ 25,511	\$ 361,800 [4]	2016TU [1]	\$ 949,382	\$ 72,020	\$ 1,021,402 [6]
	\$ 6,066,503	\$ 1,420,714	\$ 7,487,216		\$ 10,126,424	\$ 2,300,074	\$ 12,426,498

Total Refund/(Surcharge), with Interest 19,913,715

NOTES:

- [1] Over/(Under) Recovery is the variance between the 2016 PTRR and the 2016 ATRR calculated using filed Form No. 1 data.
- [2] When the PATH 2016 ATRR was filed on June 1, 2017 as noted on attachment H1 titled "PATH Summary of Refunds/(Surcharges), With Interest" footnote [1], the 2016 interest amounts were subject to change based on FERC interest rates available at the time of the 2018 PTRR filing. The FERC Interest Rates for Third Quarter 2017 were updated June 22, 2017, so the interest for PATH's 2016 true-up and for the 2016 over/(under) recovery resulting from FERC Order Opinion No. 554 have been updated.
- [3] Attachment H-19A, page 1, line 5, col 2
- [4] Attachment H-19A, page 7, line 3, col 3
- [5] Attachment H-19A, page 1, line 5, col 1
- [6] Attachment H-19A, page 2, line 3, col 3

For the 12 months ended 12/31/2018

SUMMARY

	PATH West Virginia Transmission Company, LLC (PATH-WV) (1)	PATH Allegheny Transmission Company, LLC (PATH- Allegheny) (2)	Potomac-Appalachian Transmission Highline, LLC (3) = (1) + (2)
1 NET REVENUE REQUIREMENT	-\$374,421 (A)	-\$77,504 (B)	-\$451,925
2 PJM Project No.			
3 b0490 & b0491	-\$374,421 (C)		-\$374,421
4 b0492 & b0560		-\$77,504 (D)	-\$77,504
5 Order 554 True-up	-\$11,405,096 (E)	-\$7,125,416 (E)	-\$18,530,512
6 Total (Sum lines 3 to 5)	<u>-\$11,779,517</u>	<u>-\$7,202,920</u>	<u>-\$18,982,437</u>

Sources:

- (A) Rate Formula Template, page 2, line 5, col. (3)
(B) Rate Formula Template, page 7, line 5, col. (3)
(C) Rate Formula Template - Attachment 5, page 30 col., (7)
(D) Rate Formula Template - Attachment 5, page 31 col., (6)
(E) Attachment H - Summary of True-up and Interest Calculations

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

PATH West Virginia Transmission Company, LLC

For the 12 months ended 12/31/2018

Line No.	(1)	(2)	(3)
<u>1</u>	GROSS REVENUE REQUIREMENT (line 86)	12 months	<u>\$ 646,981</u>
REVENUE CREDITS			
2	Total Revenue Credits	Total	
	Attachment 1, line 12	0	TP 1.00000
3	True-up Adjustment with Interest	-1,021,402	DA 1.00000
	Protocols		
4a	Accelerated True-up Adjustment with Interest	0	DA 1.00000
4b	Interest on Gains or Recoveries in Account 254 Company Records	0	DA 1.00000
5	NET REVENUE REQUIREMENT (Lines 1 minus line 2 plus line 3 plus line 4a and 4b)		<u>\$ (374,421)</u>

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2018

Line No.	(1)	PATH West Virginia Transmission Company, LLC			(5) Transmission (Col 3 times Col 4)	
		(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator		
	RATE BASE:					
	GROSS PLANT IN SERVICE					
6	Production	(Attachment 4)	-	NA	0.00000	-
7	Transmission	(Attachment 4)	-	TP	1.00000	-
8	Distribution	(Attachment 4)	-	NA	0.00000	-
9	General & Intangible	(Attachment 4)	-	W/S	1.00000	-
10	Common	(Attachment 4)	-	CE	1.00000	-
11	TOTAL GROSS PLANT (sum lines 6-10)	(GP=1 if plant =0)	-	GP=	1.00000	-
	ACCUMULATED DEPRECIATION					
12	Production	(Attachment 4)	-	NA	0.00000	-
13	Transmission	(Attachment 4)	-	TP	1.00000	-
14	Distribution	(Attachment 4)	-	NA	0.00000	-
15	General & Intangible	(Attachment 4)	-	W/S	1.00000	-
16	Common	(Attachment 4)	-	CE	1.00000	-
17	TOTAL ACCUM. DEPRECIATION (sum lines 13-17)		-			-
	NET PLANT IN SERVICE					
19	Production	(line 6- line 13)	-			-
20	Transmission	(line 7- line 14)	-			-
21	Distribution	(line 8- line 15)	-			-
22	General & Intangible	(line 9- line 16)	-			-
23	Common	(line 10- line 17)	-			-
24	TOTAL NET PLANT (sum lines 20-24)	(NP=1 if plant =0)	-	NP=	1.0000	-
	ADJUSTMENTS TO RATE BASE (Note A)					
26	Account No. 281 (enter negative)	(Attachment 4)	-	NA	0.00000	-
27	Account No. 282 (enter negative)	(Attachment 4)	(364)	NP	1.00000	(364)
28	Account No. 283 (enter negative)	(Attachment 4)	(932,776)	NP	1.00000	(932,776)
29	Account No. 190	(Attachment 4)	2,697,610	NP	1.00000	2,697,610
30	Account No. 255 (enter negative)	(Attachment 4)	-	NP	1.00000	-
31	CWIP	(Attachment 4)	-	DA	1.00000	-
32	Unamortized Regulatory Asset	(Attachment 4)	-	DA	1.00000	-
33	Unamortized Abandoned Plant	(Attachment 4)	-	DA	1.00000	-
34	TOTAL ADJUSTMENTS (sum lines 27-34)		1,764,470			1,764,470
35	LAND HELD FOR FUTURE USE	(Attachment 4)	-	TP	1.00000	-
	WORKING CAPITAL (Note C)					
37	CWC	calculated	60,294			60,294
38	Materials & Supplies (Note B)	(Attachment 4)	-	TE	1.00000	-
39	Prepayments (Account 165 - Note C)	(Attachment 4)	-	GP	1.00000	-
40	TOTAL WORKING CAPITAL (sum lines 38-40)		60,294			60,294
41	RATE BASE (sum lines 25, 35, 36, & 41)		1,824,763			1,824,763

Formula Rate - Non-Levelized		Attachment A Rate Formula Template Utilizing FERC Form 1 Data			For the 12 months ended 12/31/2018	
(1)	(2)	(3)	(4)	(5)		
PATH West Virginia Transmission Company, LLC						
	Form No. 1 Page, Line, Col.	Company Total	Allocator	Transmission (Col 3 times Col 4)		
43	O&M					
44	Transmission	321.112.b	-	TE	1.00000	
45	Less Account 566	321.96.b	-	TE	1.00000	
46	Less Account 566 (Misc Trans Expense)	Line 56	-	DA	1.00000	
47	A&G	323.197.b	464,488	W/S	1.00000	
48	Less EPRI & Reg. Comm. Exp. & Other Ad	(Note D & Attach 4)	-	DA	1.00000	
49	Plus Transmission Related Reg. Comm. E)	(Note D & Attach 4)	-	TE	1.00000	
50	PBOP Expense adjustment	(Attachment 4)	17,861			
51	Common	(Attachment 4)	-	CE	1.00000	
52	Transmission Lease Payments	200.4.c	-	DA	1.00000	
53	Account 566					
54	Amortization of Regulatory Asset	Attachment 4	-	DA	1.00000	
55	Miscellaneous Transmission Expense	Attachment 4	-	DA	1.00000	
56	Total Account 566		-			
57	TOTAL O&M (sum lines 44, 47, 49, 50, 51, 52, 56 less lines 45, 46 & 48)		482,349			
58	DEPRECIATION EXPENSE					
59	Transmission	336.7.b & c	-	TP	1.00000	
60	General and Intangible	336.1.d&e + 336.10.b&c	-	W/S	1.00000	
61	Common	336.11.b&c	-	CE	1.00000	
62	Amortization of Abandoned Plant	(Attachment 4)	-	DA	1.00000	
63	TOTAL DEPRECIATION (Sum lines 59-62)		-			
64	TAXES OTHER THAN INCOME TAXES (Note E)					
65	LABOR RELATED					
66	Payroll	263i	-	W/S	1.00000	
67	Highway and vehicle	263i	-	W/S	1.00000	
68	PLANT RELATED					
69	Property	263i	-	GP	1.00000	
70	Gross Receipts	263i	-	NA	0.00000	
71	Other	263i	-	GP	1.00000	
72	Payments in lieu of taxes		-	GP	1.00000	
73	TOTAL OTHER TAXES (sum lines 66-72)		-			
74	INCOME TAXES (Note F)					
75	$T = 1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\}$		39.23%			
76	$\text{CIT} = (T / (1 - T)) * (1 - (\text{WCLTD} / \text{R}))$		40.86%			
77	where WCLTD=(line 118) and R=(line 121)					
78	and FIT, SIT & p are as given in footnote F.					
79	$1 / (1 - T) = (T \text{ from line 75})$		1.6454			
80	Amortized Investment Tax Credit (266.8f) (enter negative)		0			
81	Income Tax Calculation = line 76 * line 85		47,757	NA		
82	ITC adjustment (line 79 * line 80)		0	NP	1.00000	
83	Total Income Taxes (line 81 plus line 82)		47,757			
84	RETURN					
85	[Rate Base (line 42) * Rate of Return (line 121)]		116,876	NA		
86	REV. REQUIREMENT (sum lines 57, 63, 73, 83, 85)		646,981			

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2018

PATH West Virginia Transmission Company, LLC
SUPPORTING CALCULATIONS AND NOTES

87	TRANSMISSION PLANT INCLUDED IN ISO RATES							
88	Total transmission plant (line 7, column 3)						0	
89	Less transmission plant excluded from ISO rates (Note H)						0	
90	Less transmission plant included in OATT Ancillary Services (Note H)						0	
91	Transmission plant included in ISO rates (line 88 less lines 89 & 90)						0	
92	Percentage of transmission plant included in ISO Rates (line 91 divided by line 88) [If line 88 equal zero, enter 1]			TP=			1.0000	
93	TRANSMISSION EXPENSES							
94								
95	Total transmission expenses (line 44, column 3)						0	
96	Less transmission expenses included in OATT Ancillary Services (Note G)						0	
97	Included transmission expenses (line 95 less line 96)						0	
98	Percentage of transmission expenses after adjustment (line 97 divided by line 95) [If line 95 equal zero, enter 1]						1.00000	
99	Percentage of transmission plant included in ISO Rates (line 92)			TP			1.00000	
100	Percentage of transmission expenses included in ISO Rates (line 98 times line 99)			TE=			1.00000	
101	WAGES & SALARY ALLOCATOR (W&S)							
102		Form 1 Reference	\$	TP	Allocation			
103	Production	354.20.b	0					
104	Transmission	354.21.b	0	1.00	0			
105	Distribution	354.23.b	0					W&S Allocator
106	Other	354.24,25,26.b	0					(\$ / Allocation)
107	Total (sum lines 103-106) [TP equals 1 if there are no wages & salaries]		0		0	=	1.00000	= WS
108	COMMON PLANT ALLOCATOR (CE) (Note I)							
109			\$		% Electric		W&S Allocator	
110	Electric	200.3.c	0		(line 110 / line 113)		(line 107)	CE
111	Gas	201.3.d	0		1.00000	x	1.00000	= 1.00000
112	Water	201.3.e	0					
113	Total (sum lines 110 - 112)		0					
114	RETURN (R)						\$	
115								
116								
117			\$	%	Cost		Weighted	
118	Long Term Debt (Note K)	(Attachment 4)	0	50%	4.70%		0.0235	=WCLTD
119	Preferred Stock	(Attachment 4)	0	0%	0.00%		0.0000	
120	Common Stock (Note J)	(Attachment 4)	0	50%	8.11%		0.0406	
121	Total (sum lines 118-120)		0				0.0641	=R

SUPPORTING CALCULATIONS AND NOTES

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2018

PATH West Virginia Transmission Company, LLC

General Note: References to pages in this formula rate are indicated as: (page#, line#, col.#)

References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Note
Letter

- A The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note F. Account 281 is not allocated.
- B Identified in Form 1 as being only transmission related.
- C Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission
Prepayments are the electric related prepayments booked to Account No. 165 and reported on Pages 110-111 line 57 in the Form 1.
- D EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, except safety, education and out-reach related advertising included in Account 930.1. Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- E Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year.
Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- F 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 is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 4, line 79).
- | | | | |
|------------------|-------|--------|---|
| Inputs Required: | FIT = | 35.00% | |
| | SIT = | 6.50% | (State Income Tax Rate or Composite SIT from Attachment 4) |
| | p = | 0.00% | (percent of federal income tax deductible for state purposes) |
- G Removes dollar amount of transmission expenses included in the OATT ancillary services rates, if any.
- H Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- I Enter dollar amounts
- J Effective January 19, 2017, the ROE will be 8.11%. The true up for Rate Year 2017 will be computed using an ROE that is a time-weighted average of the pre-January 19, 2017 ROE and the post-January 19, 2017 ROE. Example Calculation: For the first 18 days of 2017, the authorized ROE will be 10.4%, and for the remaining 347 days of 2017, the authorized ROE will be 8.11%. Therefore, the weighted ROE = (18 days* 10.40% + 347 days*8.11%)/365 days=8.22%.
- K The percentage shown for Long Term Debt is subject to the Annual Update and Attachment 9. Pursuant to the Stipulation Agreement entered into on April 6, 2015 in FERC Docket Nos. ER09-1256-002 and ER12-2708-003, the Long Term Debt rate is 4.70% effective December 1, 2012.

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

PATH Allegheny Transmission Company, LLC

For the 12 months ended 12/31/2018

Line No.	(1)	(2)	(3)
1	GROSS REVENUE REQUIREMENT (line 86)	12 months	\$ 284,296
REVENUE CREDITS			
		<u>Total</u>	<u>Allocator</u>
2	Total Revenue Credits	0	TP 1.00000
3	True-up Adjustment with Interest Protocols	-361,800	DA 1.00000
4a	Accelerated True-up Adjustment with Interest	0	DA 1.00000
4b	Interest on Gains or Recoveries in Account 254 Company Records	0	DA 1.00000
5	NET REVENUE REQUIREMENT (Lines 1 minus line 2 plus line 3 plus line 4a and 4b)		\$ (77,504)

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2018

PATH Allegheny Transmission Company, LLC

Line No.	(1)	(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)	
	RATE BASE:					
	GROSS PLANT IN SERVICE					
6	Production	(Attachment 4)	-	NA	0.00000	-
7	Transmission	(Attachment 4)	-	TP	1.00000	-
8	Distribution	(Attachment 4)	-	NA	0.00000	-
9	General & Intangible	(Attachment 4)	-	W/S	1.00000	-
10	Common	(Attachment 4)	-	CE	1.00000	-
11	TOTAL GROSS PLANT (sum lines 6-10)	(GP=1 if plant =0)	-	GP=	1.00000	-
	ACCUMULATED DEPRECIATION					
12	Production	(Attachment 4)	-	NA	0.00000	-
13	Transmission	(Attachment 4)	-	TP	1.00000	-
14	Distribution	(Attachment 4)	-	NA	0.00000	-
15	General & Intangible	(Attachment 4)	-	W/S	1.00000	-
16	Common	(Attachment 4)	-	CE	1.00000	-
17	TOTAL ACCUM. DEPRECIATION (sum lines 13-17)		-			-
	NET PLANT IN SERVICE					
19	Production	(line 6- line 13)	-			-
20	Transmission	(line 7- line 14)	-			-
21	Distribution	(line 8- line 15)	-			-
22	General & Intangible	(line 9- line 16)	-			-
23	Common	(line 10- line 17)	-			-
24	TOTAL NET PLANT (sum lines 20-24)	(NP=1 if plant =0)	-	NP=	1.0000	-
	ADJUSTMENTS TO RATE BASE (Note A)					
26	Account No. 281 (enter negative)	(Attachment 4)	-	NA	0.00000	-
27	Account No. 282 (enter negative)	(Attachment 4)	-	NP	1.00000	-
28	Account No. 283 (enter negative)	(Attachment 4)	-	NP	1.00000	-
29	Account No. 190	(Attachment 4)	1,543,220	NP	1.00000	1,543,220
30	Account No. 255 (enter negative)	(Attachment 4)	-	NP	1.00000	-
31	CWIP	(Attachment 4)	-	DA	1.00000	-
32	Unamortized Regulatory Asset	(Attachment 4)	-	DA	1.00000	-
33	Unamortized Abandoned Plant	(Attachment 4)	-	DA	1.00000	-
34	TOTAL ADJUSTMENTS (sum lines 27-34)		1,543,220			1,543,220
35	LAND HELD FOR FUTURE USE	(Attachment 4)	-	TP	1.00000	-
	WORKING CAPITAL (Note C)					
37	CWC	calculated	18,503			18,503
38	Materials & Supplies (Note B)	(Attachment 4)	-	TE	1.00000	-
39	Prepayments (Account 165 - Note C)	(Attachment 4)	-	GP	1.00000	-
40	TOTAL WORKING CAPITAL (sum lines 38-40)		18,503			18,503
41	RATE BASE (sum lines 25, 35, 36, & 41)		1,561,723			1,561,723

Formula Rate - Non-Levelized		Attachment A Rate Formula Template Utilizing FERC Form 1 Data			For the 12 months ended 12/31/2018	
(1)	(2)	(3)	(4)	(5)		
		PATH Allegheny Transmission Company, LLC				
		Form No. 1	Company Total	Allocator	Transmission	
		Page, Line, Col.			(Col 3 times Col 4)	
43	O&M					
44	Transmission	321.112.b	91,643	TE	1.00000	91,643
45	Less Account 565	321.96.b	-	TE	1.00000	-
46	Less Account 566	Line 56	91,643	DA	1.00000	91,643
47	A&G	323.197.b	56,384	W/S	1.00000	56,384
48	Less EPRI & Reg. Comm. Exp. & Other Ad.	(Note D & Attach 4)	-	DA	1.00000	-
49	Plus Transmission Related Reg. Comm. Exp.	(Note D & Attach 4)	-	TE	1.00000	-
50	PBOP Expense adjustment	(Attachment 4)	-			-
51	Common	(Attachment 4)	-	CE	1.00000	-
52	Transmission Lease Payments	200.4.c	-	DA	1.00000	-
53	Account 566					
54	Amortization of Regulatory Asset	Attachment 4	-	DA	1.00000	-
55	Miscellaneous Transmission Expense	Attachment 4	91,643	DA	1.00000	91,643
56	Total Account 566		91,643			91,643
57	TOTAL O&M (sum lines 44, 47, 49, 50, 51, 52, 56 less lines 45,46, 48)		148,027			148,027
58	DEPRECIATION EXPENSE					
59	Transmission	336.7.b & c	-	TP	1.00000	-
60	General and Intangible	336.1.d&e + 336.10.b.c.d&e	-	W/S	1.00000	-
61	Common	336.11.b & c	-	CE	1.00000	-
62	Amortization of Abandoned Plant	(Attachment 4)	-	DA	1.00000	-
63	TOTAL DEPRECIATION (Sum lines 59-62)		-			-
64	TAXES OTHER THAN INCOME TAXES (Note E)					
65	LABOR RELATED					
66	Payroll	263i	-	W/S	1.00000	-
67	Highway and vehicle	263i	-	W/S	1.00000	-
68	PLANT RELATED					
69	Property	263i	-	GP	1.00000	-
70	Gross Receipts	263i	-	NA	0.00000	-
71	Other	263i	-	GP	1.00000	-
72	Payments in lieu of taxes		-	GP	1.00000	-
73	TOTAL OTHER TAXES (sum lines 66-72)		-			-
74	INCOME TAXES	(Note F)				
75	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		36.40%			
76	$CIT=(T/1-T) * (1-(WCLTD/R)) =$		36.23%			
77	where WCLTD=(line 118) and R=(line 121)					
78	and FIT, SIT & p are as given in footnote F.					
79	$1 / (1 - T) = (T \text{ from line 75})$		1.5723			
80	Amortized Investment Tax Credit	(266.8f) (enter negative)	0			
81	Income Tax Calculation = line 76 * line 85		36,240	NA		36,240
82	ITC adjustment (line 79 * line 80)		0	NP	1.00000	-
83	Total Income Taxes	(line 81 plus line 82)	36,240			36,240
84	RETURN					
85	[Rate Base (line 42) * Rate of Return (line 121)]		100,028	NA		100,028
86	REV. REQUIREMENT (sum lines 57, 63, 73, 83, 85)		284,296			284,296

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2018

PATH Allegheny Transmission Company, LLC
SUPPORTING CALCULATIONS AND NOTES

87 TRANSMISSION PLANT INCLUDED IN ISO RATES

88	Total transmission plant (line 7, column 3)		0
89	Less transmission plant excluded from ISO rates (Note H)		0
90	Less transmission plant included in OATT Ancillary Services (Note H)		0
91	Transmission plant included in ISO rates (line 88 less lines 89 & 90)		0

92 Percentage of transmission plant included in ISO Rates (line 91 divided by line 88) [If line 88 equal zero, enter 1] TP= 1.0000

93 TRANSMISSION EXPENSES

94			
95	Total transmission expenses (line 44, column 3)		91,643
96	Less transmission expenses included in OATT Ancillary Services (Note G)		0
97	Included transmission expenses (line 95 less line 96)		91,643

98 Percentage of transmission expenses after adjustment (line 97 divided by line 95) [If line 95 equal zero, enter 1] 1.00000

99 Percentage of transmission plant included in ISO Rates (line 92) TP 1.00000

100 Percentage of transmission expenses included in ISO Rates (line 98 times line 99) TE= 1.00000

101 WAGES & SALARY ALLOCATOR (W&S)

	Form 1 Reference	\$	TP	Allocation		
103	Production	354.20.b	0			
104	Transmission	354.21.b	0	1.00	0	
105	Distribution	354.23.b	0			
106	Other	354.24,25,26.b	0	1.00	0	
107	Total (sum lines 103-106) [TP equals 1 if there are no wages & salaries]		0		0 =	1.00000 = WS

108 COMMON PLANT ALLOCATOR (CE) (Note I)

	Form 1 Reference	\$	% Electric (line 110 / line 113)	W&S Allocator (line 107)	
110	Electric	200.3.c	0		
111	Gas	201.3.d	0		
112	Water	201.3.e	0		
113	Total (sum lines 110 - 112)		0		

1.00000 x 1.00000 = 1.00000 = CE

114 RETURN (R)

\$

115

116

117

		\$	%	Cost	Weighted
118	Long Term Debt (Note K)	(Attachment 4)	0 50%	4.70%	0.0235 =WCLTD
119	Preferred Stock	(Attachment 4)	0 0%	0.00%	0.0000
120	Common Stock (Note J)	(Attachment 4)	0 50%	8.11%	0.0406
121	Total (sum lines 118-120)		0		0.0641 =R

SUPPORTING CALCULATIONS AND NOTES

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

PATH Allegheny Transmission Company, LLC

For the 12 months ended 12/31/2018

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

Note
Letter

- A The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note F. Account 281 is not allocated.
- B Identified in Form 1 as being only transmission related.
- C Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission
Prepayments are the electric related prepayments booked to Account No. 165 and reported on Pages 110-111 line 57 in the Form 1.
- D EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, except safety, education, siting and out-reach related advertising included in Account 930.1. Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- E Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year.
Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- F 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 is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 9, line 79).
- | | | | |
|------------------|-------|--------|---|
| Inputs Required: | FIT = | 35.00% | |
| | SIT= | 2.15% | (State Income Tax Rate or Composite SIT from Attachment 4) |
| | p = | 0.00% | (percent of federal income tax deductible for state purposes) |
- G Removes dollar amount of transmission expenses included in the OATT ancillary services rates, if any.
- H Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- I Enter dollar amounts
- J Effective January 19, 2017, the ROE will be 8.11%. The true up for Rate Year 2017 will be computed using an ROE that is a time-weighted average of the pre-January 19, 2017 ROE and the post-January 19, 2017 ROE. Example Calculation: For the first 18 days of 2017, the authorized ROE will be 10.4%, and for the remaining 347 days of 2017, the authorized ROE will be 8.11%. Therefore, the weighted ROE = (18 days* 10.40% + 347 days*8.11%)/365 days=8.22%.
- K The percentage shown for Long Term Debt is subject to the Annual Update and Attachment 9. Pursuant to the Stipulation Agreement entered into on April 6, 2015 in FERC Docket Nos. ER09-1256-002 and ER12-2708-003, the Long Term Debt rate is 4.70% effective December 1, 2012.

**Attachment 1 - Revenue Credit Workpaper
PATH West Virginia Transmission Company, LLC**

Account 454 - Rent from Electric Property

1 Rent from FERC Form No. 1 - Note 6		-
2 Other Electric Revenues	See	-
3 Schedule 1A		-
4 PTP Serv revs for which the load is not included in the divisor received by TO		-
5 PJM Transitional Revenue Neutrality (Note 1)		-
6 PJM Transitional Market Expansion (Note 1)		-
7 Professional Services (Note 3)		-
8 Revenues from Directly Assigned Transmission Facility Charges (Note 2)		-
9 Rent or Attachment Fees associated with Transmission Facilities (Note 3)		-
10 Gross Revenue Credits	Sum lines 2-9 + line 1	-
11 Less line 20	less line 18	-
12 Total Revenue Credits	line 10 + line 11	-
13 Revenues associated with lines 13 thru 18 are to be included in lines 1-9 and total of those revenues entered here		-
14 Income Taxes associated with revenues in line 15		-
15 One half margin (line 13 - line 14)/2		-
16 All expenses (other than income taxes) associated with revenues in line 13 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.		-
17 Line 15 plus line 16		-
18 Line 13 less line 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 page 2, line 2 of Rate Formula Template.
- 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.
- 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). DLC will retain 50% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC ¶ 61,314. Note: in order to use lines 15 - 20, 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).
- 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 are not included in the total above to the extent they are credited under Schedule 12.

**Attachment 1 - Revenue Credit Workpaper
PATH West Virginia Transmission Company, LLC**

Note 5 Other electric Revenues - includes revenues for various related electricity products/premium services such as surge protectors and appliance guards

Note 6 All Account 454 and 456 Revenues must be itemized below

Account 454	Include	\$
Joint pole attachments - telephone	Include	-
Joint pole attachments - cable	Include	-
Underground rentals	Include	-
Transmission tower wireless rentals	Include	-
Other rentals	Include	-
Corporate headquarters sublease	Include	-
Misc non-transmission rentals	Include	-
Customer commitment services	Include	-
xxxx		
xxxx		
Total		-
Account 456	Include	-
Other electric revenues	Include	-
Transmission Revenue - Firm	Include	-
Transmission Revenue - Non-Firm	Include	-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
Total		-
Total Account 454 and 456 included		-
Payments by PJM of the revenue requirement calculated on Rate Formula Template	Exclude	-
Total Account 454 and 456 included and excluded		-

**Attachment 1 - Revenue Credit Workpaper
PATH Allegheny Transmission Company, LLC**

Account 454 - Rent from Electric Property

1 Rent from FERC Form No. 1 - Note 6		-
2 Other Electric Revenues	See Note 5	-
3 Schedule 1A		-
4 PTP Serv revs for which the load is not included in the divisor received by TO		-
5 PJM Transitional Revenue Neutrality (Note 1)		-
6 PJM Transitional Market Expansion (Note 1)		-
7 Professional Services (Note 3)		-
8 Revenues from Directly Assigned Transmission Facility Charges (Note 2)		-
9 Rent or Attachment Fees associated with Transmission Facilities (Note 3)		-
10 Gross Revenue Credits	Sum lines 2-9 + line 1	-
11 Less line 20	less line 18	-
12 Total Revenue Credits	line 10 + line 11	-
13 Revenues associated with lines 13 thru 18 are to be included in lines 1-9 and total of those revenues entered here		-
14 Income Taxes associated with revenues in line 15		-
15 One half margin (line 13 - line 14)/2		-
16 All expenses (other than income taxes) associated with revenues in line 13 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.		-
17 Line 15 plus line 16		-
18 Line 13 less line 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 page 7, line 2 of Rate Formula Template.
- 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.
- 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). DLC will retain 50% of net revenues consistent with *Pacific Gas and Electric Company*, 90 FERC ¶ 61,314. Note: in order to use lines 15 - 20, 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).
- 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 are not included in the total above to the extent they are credited under Schedule 12.
- Note 5 Other electric Revenues - includes revenues for various related electricity products/premium services such as surge protectors and appliance guards

**Attachment 1 - Revenue Credit Workpaper
PATH Allegheny Transmission Company, LLC**

Note 6 All Account 454 and 456 Revenues must be itemized below

Account 454	Include	\$
Joint pole attachments - telephone	Include	-
Joint pole attachments - cable	Include	-
Underground rentals	Include	-
Transmission tower wireless rentals	Include	-
Other rentals	Include	-
Corporate headquarters sublease	Include	-
Misc non-transmission rentals	Include	-
Customer commitment services	Include	-
xxxx		
xxxx		
Total		-
Account 456	Include	-
Other electric revenues	Include	-
Transmission Revenue - Firm	Include	-
Transmission Revenue - Non-Firm	Include	-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
Total		-
Total Account 454 and 456 included		-
Payments by PJM of the revenue requirement calculated on Rate Formula Template	Exclude	-
Total Account 454 and 456 included and excluded		-

Attachment 2 has been removed and intentionally left blank.

Attachment 2 has been removed and intentionally left blank.

Attachment 3 - Calculation of Carrying Charges
PATH West Virginia Transmission Company, LLC

1 Calculation of Composite Depreciation Rate

2	Transmission Plant @ Beginning of Period	(Attachment 4)	-
3	Transmission Plant @ End of Period	(Attachment 4)	-
4	Sum	(sum lines 2 & 3)	<u>-</u>
5	Average Balance of Transmission Investment	(line 4/2)	-
6	Depreciation Expense	Rate Formula Template	<u>-</u>
7	Composite Depreciation Rate	(line 6/ line 5)	0.00%
8	Depreciable Life for Composite Depreciation Rate	(1/line 7)	-
9	Round line 8 to nearest whole year		-

Attachment 3 - Calculation of Carrying Charges
PATH Allegheny Transmission Company, LLC

1 Calculation of Composite Depreciation Rate

2	Transmission Plant @ Beginning of Period	(Attachment 4)	-
3	Transmission Plant @ End of Period	(Attachment 4)	-
4	Sum	(sum lines 2 & 3)	-
5	Average Balance of Transmission Investment	(line 4/2)	-
6	Depreciation Expense	Rate Formula Template	-
7	Composite Depreciation Rate	(line 6/ line 5)	0.00%
8	Depreciable Life for Composite Depreciation Rate	(1/line 7)	-
9	Round line 8 to nearest whole year		-

Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC

Plant in Service Worksheet

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

Line #	Description	Source	Year	Balance
1	Calculation of Transmission Plant In Service	Source		
2	December	p206.58.b	2017	-
3	January	company records	2018	-
4	February	company records	2018	-
5	March	company records	2018	-
6	April	company records	2018	-
7	May	company records	2018	-
8	June	company records	2018	-
9	July	company records	2018	-
10	August	company records	2018	-
11	September	company records	2018	-
12	October	company records	2018	-
13	November	company records	2018	-
14	December	p207.58.g	2018	-
15	Transmission Plant In Service	(sum lines 2-14) /13		-
16	Calculation of Distribution Plant In Service	Source		
17	December	p206.75.b	2017	-
18	January	company records	2018	-
19	February	company records	2018	-
20	March	company records	2018	-
21	April	company records	2018	-
22	May	company records	2018	-
23	June	company records	2018	-
24	July	company records	2018	-
25	August	company records	2018	-
26	September	company records	2018	-
27	October	company records	2018	-
28	November	company records	2018	-
29	December	p207.75.g	2018	-
30	Distribution Plant In Service	(sum lines 17-29) /13		-
31	Calculation of Intangible Plant In Service	Source		
32	December	p204.5.b	2017	-
33	December	p205.5.g	2018	-
34	Intangible Plant In Service	(sum lines 32 & 33) /2		-
35	Calculation of General Plant In Service	Source		
36	December	p206.99.b	2017	-
37	December	p207.99.g	2018	-
38	General Plant In Service	(sum lines 36 & 37) /2		-
39	Calculation of Production Plant In Service	Source		
40	December	p204.46b	2017	-
41	January	company records	2018	-
42	February	company records	2018	-
43	March	company records	2018	-
44	April	company records	2018	-
45	May	company records	2018	-
46	March	Attachment 6	2018	-
47	April	company records	2018	-
48	August	company records	2018	-
49	September	company records	2018	-
50	October	company records	2018	-
51	November	company records	2018	-
52	December	p205.46.g	2018	-
53	Production Plant In Service	(sum lines 40-52) /13		-

Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC

54	Calculation of Common Plant In Service	Source	Year	Balance
55	December (Electric Portion)	p356	2017	-
56	December (Electric Portion)	p356	2018	-
57	Common Plant In Service	(sum lines 55 & 56) /2		-
58	Total Plant In Service	(sum lines 15, 30, 34, 38, 53, & 57)		-

Accumulated Depreciation Worksheet

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions					Details
59	Calculation of Transmission Accumulated Depreciation	Source	Year	Balance	
60	December	Prior year p219.25	2017	-	
61	January	company records	2018	-	
62	February	company records	2018	-	
63	March	company records	2018	-	
64	April	company records	2018	-	
65	May	company records	2018	-	
66	June	company records	2018	-	
67	July	company records	2018	-	
68	August	company records	2018	-	
69	September	company records	2018	-	
70	October	company records	2018	-	
71	November	company records	2018	-	
72	December	p219.25	2018	-	
73	Transmission Accumulated Depreciation	(sum lines 60-72) /13		-	
74	Calculation of Distribution Accumulated Depreciation	Source	Year	Balance	
75	December	Prior year p219.26	2017	-	
76	January	company records	2018	-	
77	February	company records	2018	-	
78	March	company records	2018	-	
79	April	company records	2018	-	
80	May	company records	2018	-	
81	June	company records	2018	-	
82	July	company records	2018	-	
83	August	company records	2018	-	
84	September	company records	2018	-	
85	October	company records	2018	-	
86	November	company records	2018	-	
87	December	p219.26	2018	-	
88	Distribution Accumulated Depreciation	(sum lines 75-87) /13		-	
89	Calculation of Intangible Accumulated Depreciation	Source	Year	Balance	
90	December	Prior year p200.21.c	2017	-	
91	December	p200.21c	2018	-	
92	Accumulated Intangible Depreciation	(sum lines 90 & 91) /2		-	
93	Calculation of General Accumulated Depreciation	Source	Year	Balance	
94	December	Prior year p219.28	2017	-	
95	December	p219.28	2018	-	
96	Accumulated General Depreciation	(sum lines 94 & 95) /2		-	

**Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC**

	Source	Year	Balance
97	Calculation of Production Accumulated Depreciation		
98	December	Prior year p219	2017
99	January	company records	2018
100	February	company records	2018
101	March	company records	2018
102	April	company records	2018
103	May	company records	2018
104	June	company records	2018
105	July	company records	2018
106	August	company records	2018
107	September	company records	2018
108	October	company records	2018
109	November	company records	2018
110	December	p219.20 thru 219.24	2018
111	Production Accumulated Depreciation	(sum lines 98-110) /13	-
112	Calculation of Common Accumulated Depreciation	Source	
113	December (Electric Portion)	p356	2017
114	December (Electric Portion)	p356	2018
115	Common Plant Accumulated Depreciation (Electric Only)	(sum lines 113 & 114) /2	-
116	Total Accumulated Depreciation	(sum lines 73, 88, 92, 96, 111, & 115)	-

ADJUSTMENTS TO RATE BASE (Note A)

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions					Details		
		Beginning of Year	End of Year	Average Balance			
117	Account No. 281 (enter negative)	273.8.k	-	-	0		
118	Account No. 282 (enter negative)	275.2.k	(364)	(364)	-364		
119	Account No. 283 (enter negative)	277.9.k	(524,403)	(1,341,149)	-932,776		
120	Account No. 190	234.8.c	4,753,609	641,610	2,697,610		
121	Account No. 255 (enter negative)	267.8.h	-	-	0		
122	Unamortized Abandoned Plant	Per FERC Order					
			Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (p114.10.c)	Additions (Deductions)	Ending Balance
123	Monthly Balance	Source					
124	December	p111.71.d (and Notes)	0				-
125	January	company records		-		-	-
126	February	company records		-		-	-
127	March	company records		-		-	-
128	April	company records		-		-	-
129	May	company records		-		-	-
130	June	company records		-		-	-
131	July	company records		-		-	-
132	August	company records		-		-	-
133	September	company records		-		-	-
134	October	company records		-		-	-
135	November	company records		-		-	-
136	December	p111.71.c (and Notes) Detail on p230b		-		-	-
137	Ending Balance is a 13-Month Average	(sum lines 124-136) /13			\$0.00	-	\$0.00
					Appendix A Line 62		Appendix A Line 34
Note: Deductions resulting from gains or recoveries that exceed the unamortized balance are recorded in FERC Account 254, Other Regulatory Liabilities.							
138	Prepayments (Account 165)	111.57.c	-	-	-		

Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC

	Source	2017	2018		Amos Substation Upgrade	Amos to Welton Spring Line	Welton Spring Substation and SVC	Welton Spring to Interconnection with PATH Allegheny	Total
139	Calculation of Transmission CWIP								
140	December	216.b		\$ -	-	-	-	-	-
141	January	company records		-	-	-	-	-	-
142	February	company records		-	-	-	-	-	-
143	March	company records		-	-	-	-	-	-
144	April	company records		-	-	-	-	-	-
145	May	company records		-	-	-	-	-	-
146	June	company records		-	-	-	-	-	-
147	July	company records		-	-	-	-	-	-
148	August	company records		-	-	-	-	-	-
149	September	company records		-	-	-	-	-	-
150	October	company records		-	-	-	-	-	-
151	November	company records		-	-	-	-	-	-
152	December	216.b		-	-	-	-	-	-
153	Transmission CWIP	(sum lines 140-152) /13		-	-	-	-	-	-

LAND HELD FOR FUTURE USE

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Beg of year	End of Year	Average	Details
154	LAND HELD FOR FUTURE USE	p214	Total	-	-	-	
			Non-transmission Related	-	-	-	
			Transmission Related	-	-	-	

EPRI Dues Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Details	
Allocated General & Common Expenses				EPRI Dues	Common Expenses
155	EPRI Dues & Common Expenses	p352-353	p356	-	-

Regulatory Expense Related to Transmission Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Form 1 Amount	Transmission Related	Non-transmission Related	Details
156	Directly Assigned A&G	Regulatory Commission Exp Account 928	p323.189.b	-	-	-	

Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC

Safety Related Advertising, Education and Out Reach Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	Safety, Education, Siting & Outreach Related	Other	Details
157	Directly Assigned A&G General Advertising Exp Account 930.1	p323.191.b	-	-	-	None

Multi-state Workpaper

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		State 1	State 2	State 3	State 4	State 5	Weighed Average
158	Income Tax Rates SIT=State Income Tax Rate or Composite		WV 6.500%				6.50%

Excluded Plant Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Excluded Transmission Facilities	Description of the Facilities
159	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities Excluded Transmission Facilities	-	General Description of the Facilities
	Instructions:	Enter \$	None
	1 Remove all investment below 69 kV facilities, including the investment allocated to distribution of a dual function substation, generator, interconnection and local and direct assigned facilities for which separate costs are charged and step-up generation substation included in transmission plant in service.	-	
	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:	Or Enter \$	
	Example	-	
	A Total investment in substation	-	
	B Identifiable investment in Transmission (provide workpapers)	-	
	C Identifiable investment in Distribution (provide workpapers)	-	
	D Amount to be excluded (A x (C / (B + C)))	-	

Add more lines if necessary

Materials & Supplies

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Beg of year	End of Year	Average
160	Assigned to O&M	p227.6	-	-	-
161	Stores Expense Undistributed	p227.16	-	-	-
162	Undistributed Stores Exp		-	-	-
163	Transmission Materials & Supplies	p227.8	-	-	-

Regulatory Asset

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				
164	Beginning Balance of Regulatory Asset	p111.72.d (and notes)	-	Reference FERC Form 1 page 232 for details. Uncapitalized costs as of date the rates become effective As approved by FERC Number of months rates are in effect during the calendar year
165	Months Remaining in Amortization Period		-	
166	Monthly Amortization	(line 164 - line 168) / 167	-	
167	Months in Year to be amortized		-	
168	Ending Balance of Regulatory Asset	p111.72.c	-	
169	Average Balance of Regulatory Asset	(line 164 + line 168)/2	-	

Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC

Capital Structure

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

Year	Debt	Preferred Stock	Common Stock
170 Monthly Balances for Capital Structure			
171			
172 January 2018	0	-	0
173 February 2018	-	-	-
174 March 2018	-	-	-
175 April 2018	-	-	-
176 May 2018	-	-	-
177 June 2018	-	-	-
178 July 2018	-	-	-
179 August 2018	-	-	-
180 September 2018	-	-	-
181 October 2018	-	-	-
182 November 2018	-	-	-
183 December 2018	-	-	-
184 Average	0	-	0

Note: the amount outstanding for debt retired during the year is the outstanding amount as of the last month it was outstanding; the equity is less Account 216.1, Preferred Stock, and Account 219; and the capital structure is fixed at 50/50 until the first two lines are placed in service

Detail of Account 566 Miscellaneous Transmission Expenses

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

	Total
185 Amortization Expense on Regulatory Asset	-
186 Miscellaneous Transmission Expense	-
187 Total Account 566	-

Footnote Data: Schedule Page 320 b. 97

PBOPs

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

Details

188	Calculation of PBOP Expenses	
189	PATH-WV - AEP Employees	
190	Total PBOP expenses	\$117,254,159
191	Amount relating to retired personnel	\$0
192	Amount allocated on Labor	\$117,254,159
193	Labor dollars	1,151,954,661
194	Cost per labor dollar	\$0.102
195	PATH WV labor (labor not capitalized) current year	134,865
196	PATH WV PBOP Expense for current year	\$13,728
197	PATH WV PBOP Expense in Account 926 for current year	-\$4,133
198	PBOP Adjustment for Appendix A, Line 50	\$17,861
199	Lines 190-194 cannot change absent approval or acceptance by FERC in a separate proceeding.	
199	PATH-WV - Allegheny Employees	
200	Total PBOP expenses	\$22,856,433
201	Amount relating to retired personnel	\$8,786,372
202	Amount allocated on FTEs	\$14,070,061
203	Number of FTEs	4,474
204	Cost per FTE	\$3,145
205	PATH WV FTEs (labor not capitalized) current year	-
206	PATH WV PBOP Expense for current year	\$0
207	PATH WV PBOP Expense in Account 926 for current year	\$0
208	PBOP Adjustment for Appendix A, Line 50	\$0
209	Lines 200-204 cannot change absent approval or acceptance by FERC in a separate proceeding.	
210	PBOP Expense adjustment (sum lines 198 & 208)	\$17,861

**Attachment 4 - Cost Support
PATH Allegheny Transmission Company, LLC**

Plant in Service Worksheet

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				
		Source	Year	Balance
1	Calculation of Transmission Plant In Service			
2	December	p206.58.b	2017	-
3	January	company records	2018	-
4	February	company records	2018	-
5	March	company records	2018	-
6	April	company records	2018	-
7	May	company records	2018	-
8	June	company records	2018	-
9	July	company records	2018	-
10	August	company records	2018	-
11	September	company records	2018	-
12	October	company records	2018	-
13	November	company records	2018	-
14	December	p207.58.g	2018	-
15	Transmission Plant In Service	(sum lines 2-14) /13		-
16	Calculation of Distribution Plant In Service			
17	December	p206.75.b	2017	-
18	January	company records	2018	-
19	February	company records	2018	-
20	March	company records	2018	-
21	April	company records	2018	-
22	May	company records	2018	-
23	June	company records	2018	-
24	July	company records	2018	-
25	August	company records	2018	-
26	September	company records	2018	-
27	October	company records	2018	-
28	November	company records	2018	-
29	December	p207.75.g	2018	-
30	Distribution Plant In Service	(sum lines 17-29) /13		-
31	Calculation of Intangible Plant In Service			
32	December	p204.5b	2017	-
33	December	p205.5.g	2018	-
34	Intangible Plant In Service	(sum lines 32 & 33) /2		-
35	Calculation of General Plant In Service			
36	December	p206.99.b	2017	-
37	December	p207.99.g	2018	-
38	General Plant In Service	(sum lines 36 & 37) /2		-
39	Calculation of Production Plant In Service			
40	December	p204.46b	2017	-
41	January	company records	2018	-
42	February	company records	2018	-
43	March	company records	2018	-
44	April	company records	2018	-
45	May	company records	2018	-
46	March	Attachment 6	2018	-
47	April	company records	2018	-
48	August	company records	2018	-
49	September	company records	2018	-
50	October	company records	2018	-
51	November	company records	2018	-
52	December	p205.46.g	2018	-
53	Production Plant In Service	(sum lines 40-52) /13		-

**Attachment 4 - Cost Support
PATH Allegheny Transmission Company, LLC**

54	Calculation of Common Plant In Service	Source	Year	Balance
55	December (Electric Portion)	p356	2017	-
56	December (Electric Portion)	p356	2018	-
57	Common Plant In Service	(sum lines 55 & 56) /2		-
58	Total Plant In Service	(sum lines 15, 30, 34, 38, 53, & 57)		-

Accumulated Depreciation Worksheet

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Details	
59	Calculation of Transmission Accumulated Depreciation	Source	Year	Balance	
60	December	Prior year p219.25	2017	-	
61	January	company records	2018	-	
62	February	company records	2018	-	
63	March	company records	2018	-	
64	April	company records	2018	-	
65	May	company records	2018	-	
66	June	company records	2018	-	
67	July	company records	2018	-	
68	August	company records	2018	-	
69	September	company records	2018	-	
70	October	company records	2018	-	
71	November	company records	2018	-	
72	December	p219.25	2018	-	
73	Transmission Accumulated Depreciation	(sum lines 60-72) /13		-	
74	Calculation of Distribution Accumulated Depreciation	Source			
75	December	Prior year p219.26	2017	-	
76	January	company records	2018	-	
77	February	company records	2018	-	
78	March	company records	2018	-	
79	April	company records	2018	-	
80	May	company records	2018	-	
81	June	company records	2018	-	
82	July	company records	2018	-	
83	August	company records	2018	-	
84	September	company records	2018	-	
85	October	company records	2018	-	
86	November	company records	2018	-	
87	December	p219.26	2018	-	
88	Distribution Accumulated Depreciation	(sum lines 75-87) /13		-	
89	Calculation of Intangible Accumulated Depreciation	Source			
90	December	Prior year p200.21.c	2017	-	
91	December	p200.21c	2018	-	
92	Accumulated Intangible Depreciation	(sum lines 90 & 91) /2		-	
93	Calculation of General Accumulated Depreciation	Source			
94	December	Prior year p219.28	2017	-	
95	December	p219.28	2018	-	
96	Accumulated General Depreciation	(sum lines 94 & 95) /2		-	

**Attachment 4 - Cost Support
PATH Allegheny Transmission Company, LLC**

	Source	Year	Balance
97	Calculation of Production Accumulated Depreciation		
98	Prior year p219	2017	-
99	company records	2018	-
100	company records	2018	-
101	company records	2018	-
102	company records	2018	-
103	company records	2018	-
104	company records	2018	-
105	company records	2018	-
106	company records	2018	-
107	company records	2018	-
108	company records	2018	-
109	company records	2018	-
110	p219.20 thru 219.24	2018	-
111	(sum lines 98-110) /13		-
112	Calculation of Common Accumulated Depreciation		
113	Source	2017	-
114	p356	2018	-
115	(sum lines 113 & 114) /2		-
116	Total Accumulated Depreciation		
	(sum lines 73, 88, 92, 96, 111, & 115)		-

ADJUSTMENTS TO RATE BASE (Note A)

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Details			
		Beginning of Year	End of Year	Average Balance			
117	Account No. 281 (enter negative)	273.8.k	-	-	-	-	
118	Account No. 282 (enter negative)	275.2.k	-	-	-	-	
119	Account No. 283 (enter negative)	277.9.k	-	-	-	-	
120	Account No. 190	234.8.c	2,789,295	297,145	1,543,220	-	
121	Account No. 255 (enter negative)	267.8.h	-	-	-	-	
122	Unamortized Abandoned Plant						
	Per FERC Order						
			Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (p114.10.c)	Additions (Deductions)	Ending Balance
123	Monthly Balance	Source					
124	December	p111.71.d (and Notes)	0	-	-	-	-
125	January	company records	-	-	-	-	-
126	February	company records	-	-	-	-	-
127	March	company records	-	-	-	-	-
128	April	company records	-	-	-	-	-
129	May	company records	-	-	-	-	-
130	June	company records	-	-	-	-	-
131	July	company records	-	-	-	-	-
132	August	company records	-	-	-	-	-
133	September	company records	-	-	-	-	-
134	October	company records	-	-	-	-	-
135	November	company records	-	-	-	-	-
136	December	p111.71.c (and Notes) Detail on p230b	-	-	-	-	-
137	Ending Balance is a 13-Month Average	(sum lines 124-136) /13			\$0.00	-	\$0.00
					Appendix A Line 62		Appendix A Line 34
138	Prepayments (Account 165)	111.57.c	-	-	-	-	-

Note: Deductions resulting from gains or recoveries that exceed the unamortized balance are recorded in FERC Account 254, Other Regulatory Liabilities.

**Attachment 4 - Cost Support
PATH Allegheny Transmission Company, LLC**

				Kempton Substation	Kempton to Interconnection with PATH West Virginia	Welton Spring Substation and SVC	Total
139	Calculation of Transmission CWIP	Source					
140	December	216.b	2017	\$	-		
141	January	company records	2018		-		
142	February	company records	2018		-		
143	March	company records	2018		-		
144	April	company records	2018		-		
145	May	company records	2018		-		
146	June	company records	2018		-		
147	July	company records	2018		-		
148	August	company records	2018		-		
149	September	company records	2018		-		
150	October	company records	2018		-		
151	November	company records	2018		-		
152	December	216.b	2018		-		
153	Transmission CWIP	(sum lines 140-152) /13			-		

LAND HELD FOR FUTURE USE

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Beg of year	End of Year	Average	Details
154	LAND HELD FOR FUTURE USE	p214	Total	-	-	-	
			Non-transmission Related	-	-	-	
			Transmission Related	-	-	-	

EPRI Dues Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				EPRI Dues	Common Expenses	Details
Allocated General & Common Expenses						
155	EPRI Dues & Common Expenses	p352-353	p356	-	-	

Regulatory Expense Related to Transmission Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Form 1 Amount	Transmission Related	Non-transmission Related	Details
Directly Assigned A&G							
156	Regulatory Commission Exp Account 928		p323.189.b	-	-	-	

**Attachment 4 - Cost Support
PATH Allegheny Transmission Company, LLC**

Safety Related Advertising, Education and Out Reach Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Safety, Education, Siting & Outreach		
	Form 1 Amount	Related	Other	Details	
157	Directly Assigned A&G				None
	General Advertising Exp Account 930.1	p323.191.b	-	-	-

Multi-state Workpaper

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		State 1	State 2	State 3	State 4	State 5	Weighted Average
158	Income Tax Rates	MD	WV	VA			2.150%
	SIT=State Income Tax Rate or Composite	8.250%	6.500%	6.000%			

Excluded Plant Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Excluded Transmission Facilities	Description of the Facilities
159	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities	-	General Description of the Facilities
	Excluded Transmission Facilities		None
	Instructions:	Enter \$	
	1 Remove all investment below 69 kV facilities, including the investment allocated to distribution of a dual function substation, generator, interconnection and local and direct assigned facilities for which separate costs are charged and step-up generation substation included in transmission plant in service.	-	
	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:	Or	
	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	

Add more lines if necessary

Materials & Supplies

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Beg of year	End of Year	Average
160	Assigned to O&M	p227.6	-	-	-
161	Stores Expense Undistributed	p227.16	-	-	-
162	Undistributed Stores Exp		-	-	-
163	Transmission Materials & Supplies	p227.8	-	-	-

Regulatory Asset

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			
164	Beginning Balance of Regulatory Asset	p111.72.d (and notes)	-
165	Months Remaining in Amortization Period		-
166	Monthly Amortization	(line 164 - line 168) / 167	-
167	Months in Year to be Amortized		-
168	Ending Balance of Regulatory Asset	p111.72.c	-
169	Average Balance of Regulatory Asset	(line 164 + line 168)/2	-

Reference FERC Form 1 page 232 for details.
Uncapitalized costs as of date the rates become effective
As approved by FERC
Number of months rates are in effect during the calendar year

**Attachment 4 - Cost Support
Ba**

Capital Structure

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

170	Monthly Balances for Capital Structure	Year	Debt	Preferred Stock	Common Stock
171		2018	0	-	0
172	January	2018	-	-	-
173	February	2018	-	-	-
174	March	2018	-	-	-
175	April	2018	-	-	-
176	May	2018	-	-	-
177	June	2018	-	-	-
178	July	2018	-	-	-
179	August	2018	-	-	-
180	September	2018	-	-	-
181	October	2018	-	-	-
182	November	2018	-	-	-
183	December	2018	-	-	-
184	Average		0	-	0

Note: the amount outstanding for debt retired during the year is the outstanding amount as of the last month it was outstanding; the equity is less Account 216.1, Preferred Stock, and Account 219; and the capital structure is fixed at 50/50 until the first two lines are placed in service

Detail of Account 566 Miscellaneous Transmission Expenses

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

	Total
185 Amortization Expense on Regulatory Asset	-
186 Miscellaneous Transmission Expense	91,643
187 Total Account 566	91,643

Footnote Data: Schedule Page 320 b. 97

PBOPs

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

Details

188	Calculation of PBOP Expenses	
189	PATH - Allegheny - Allegheny Employees	
190	Total PBOP expenses	\$22,856,433
191	Amount relating to retired personnel	\$8,786,372
192	Amount allocated on FTEs	\$14,070,061
193	Number of FTEs	4,475
194	Cost per FTE	\$3,144
195	PATH Allegheny FTEs (labor not capitalized) current year	-
196	PATH Allegheny PBOP Expense for current year	\$0
197	PATH Allegheny PBOP Expense in Account 926 for current year	\$0
198	PBOP Adjustment for Appendix A, Line 50	-
199	Lines 190-194 cannot change absent approval or acceptance by FERC in a separate proceeding.	

**Attachment 5 - Transmission Enhancement Charge Worksheet
PATH West Virginia Transmission Company, LLC**

New Plant Carrying Charge

Formula Line	Item	
5	NET REVENUE REQUIREMENT	(374,421)
21	NET TRANSMISSION PLANT IN SERVICE	-
32	CWIP	-
34	Unamortized Abandoned Plant	-
Carrying charge (line 3/sum of lines 4, 5 and 6)		-

(1) (2) (3) (4) (5) (6) (7)

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

		PJM Upgrade ID: b0490 & b0491						
Details		Amos Substation Upgrade - CWIP	Amos to Midpoint Line - CWIP	Midpoint Substation and SVC - CWIP	Midpoint to Interconnection with PATH Allegheny - CWIP	Transmission Plant In Service	Unamortized Abandoned Plant	Totals
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	(Yes or No)	Yes	Yes	Yes		Yes	Yes	
Schedule 12 FCR for This Project		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Forecast – Forecast or average 13 month current year net transmission plant plus 13-mo CWIP balances.								
Reconciliation – Average of 13 month prior year net transmission plant balances plus prior year 13-mo CWIP balances.								
Investment		0	-	-	-	-	-	-
Revenue Requirement		-	-	-	-	-	-	(374,421)

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**Attachment 5 - Transmission Enhancement Charge Worksheet
PATH Allegheny Transmission Company, LLC**

1 New Plant Carrying Charge

Formula Line	Item	
5	NET REVENUE REQUIREMENT	(77,504)
21	NET TRANSMISSION PLANT IN SERVICE	-
32	CWIP	-
34	Unamortized Abandoned Plant	-
Carrying charge (line 3/sum of lines 4, 5 and 6)		-

(1) (2) (3) (4) (5) (6)

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

10
11 "Yes" if a project under PJM OATT Schedule 12,
12 otherwise "No"

Forecast – Forecast of average 13 month current
year net transmission plant plus 13-mo CWIP
balances. Reconciliation
– Average of 13 month prior year net transmission
plant balances plus prior year 13-mo CWIP
balances.

PJM Upgrade ID: b0492 & b0560						
Details	Kempton Substation - CWIP	Kempton to Interconnection with PATH West Virginia - CWIP	Welton Spring Substation and SVC - CWIP	Transmission Plant In Service	Unamortized Abandoned Plant	Totals
Schedule 12 FCR for This Project	Yes	Yes	Yes	Yes	Yes	
	0.0%	0.0%	0.0%	0.0%	0.0%	
Investment	-	-	-	-	-	-
Revenue Requirement	-	-	-	-	-	(77,504.21)

13

Attachment 6 has been removed and intentionally left blank.

Attachment 6 has been removed and intentionally left blank.

Potomac-Appalachian Transmission Highline, LLC
CALCULATION OF COST OF DEBT AFTER CONSTRUCTION PHASE
YEAR ENDED 12/31/2014

Attachment 7
PATH West Virginia Transmission Company, LLC

(HYPOTHETICAL EXAMPLE)

	Amount Outstanding	Unamortized Debt Issue Expense	Unamortized Debt Premium/ (Discount)	Unamortized Losses on Reacquired Debt	Net Amount Outstanding	Effective Cost Rate ¹	Annualized Cost
Debt:							
<u>First Mortgage Bonds:</u>							
	\$ 300,000,000	\$2,900,000	(\$2,320,000)	\$0	\$294,780,000	#N/A	#N/A
<u>Other Long Term Debt:</u>							
6.600% Series Medium Term Notes Due 2021	\$ 200,000,000	\$1,800,000		-	\$198,200,000	#N/A	#N/A
Total Debt	<u>\$ 500,000,000</u>	<u>\$ 4,700,000</u>	<u>\$ (2,320,000)</u>	<u>\$ -</u>	<u>\$ 492,980,000</u>	<u>#N/A</u>	<u>#N/A</u>
Check with FERC Form 1 B/S pgs 110-113	\$ 185,750,000	\$ (1,131,082)	\$ (1,595,909)	\$ 17,075,452			

Development of Effective Cost Rates:

	Issue Date	Maturity Date	Amount Issued	(Discount) Premium at Issuance	Issuance Expense	Loss on Reacquired Debt	Net Proceeds	Net Proceeds Ratio	Coupon Rate	Effective Cost Rate	Annual Interest
<u>First Mortgage Bonds</u>											
7.090% Series Due 2041	1/1/2014	6/30/2044	\$ 300,000,000	\$ (2,400,000)	\$ 3,000,000	-	\$ 294,600,000	98.2000	0.07090	#N/A	\$ 21,270,000
											-
<u>Other Long Term Debt:</u>											
6.600% Series Medium Term Notes Due 2021	01/01/2014	06/30/2024	200,000,000		2,000,000		\$ 198,000,000	99.0000	0.06600	#N/A	13,200,000
			<u>\$ 500,000,000</u>	<u>(2,400,000)</u>	<u>\$ 5,000,000</u>	<u>-</u>	<u>\$ 492,600,000</u>				<u>\$ 34,470,000</u>

¹ The Effective Cost Rate is the Debt Cost shown on Page 5, Line 118 of Rate Formula Template.

Potomac-Appalachian Transmission Highline, LLC
CALCULATION OF COST OF DEBT AFTER CONSTRUCTION PHASE
YEAR ENDED 12/31/2014

Attachment 7
PATH Allegheny Transmission Company, LLC
(HYPOTHETICAL EXAMPLE)

	Amount Outstanding	Unamortized Debt Issue Expense	Unamortized Debt Premium/ (Discount)	Unamortized Losses on Reacquired Debt	Net Amount Outstanding	Effective Cost Rate ¹	Annualized Cost
Debt:							
<u>First Mortgage Bonds:</u>	\$ 300,000,000	\$2,900,000	(\$2,320,000)	\$0	\$294,780,000	#N/A	#N/A
<u>Other Long Term Debt:</u>							
6.600% Series Medium Term Notes Due 2021	\$ 200,000,000	\$1,800,000		-	\$198,200,000	#N/A	#N/A
Total Debt	<u>\$ 500,000,000</u>	<u>\$ 4,700,000</u>	<u>\$ (2,320,000)</u>	<u>\$ -</u>	<u>\$ 492,980,000</u>	<u>#N/A</u>	<u>#N/A</u>
Check with FERC Form 1 B/S pgs 110-113	\$ 185,750,000	\$ (1,131,082)	\$ (1,595,909)	\$ 17,075,452			

Development of Effective Cost Rates:

	Issue Date	Maturity Date	Amount Issued	(Discount) Premium at Issuance	Issuance Expense	Loss on Reacquired Debt	Net Proceeds	Net Proceeds Ratio	Coupon Rate	Effective Cost Rate	Annual Interest
<u>First Mortgage Bonds</u>											
7.090% Series Due 2041	1/1/2014	6/30/2044	\$ 300,000,000	\$ (2,400,000)	\$ 3,000,000	-	\$ 294,600,000	98.2000	0.07090	#N/A	\$ 21,270,000
<u>Other Long Term Debt:</u>											
6.600% Series Medium Term Notes Due 2021	01/01/2014	06/30/2024	200,000,000		2,000,000		\$ 198,000,000	99.0000	0.06600	#N/A	13,200,000
			<u>\$ 500,000,000</u>	<u>(2,400,000)</u>	<u>\$ 5,000,000</u>	<u>-</u>	<u>\$ 492,600,000</u>				<u>\$ 34,470,000</u>

¹ The Effective Cost Rate is the Debt Cost shown on Page 10, Line 118 of Rate Formula Template.

Attachment 8
Potomac-Appalachian Transmission Highline, LLC
Interest Rates and Interest Calculations
PATH West Virginia Transmission Company, LLC

Reconciliation Revenue Requirement For Year 2016 Available June 1, 2017 \$13,422,695	-	2016 Revenue Requirement Forecast by Sept 1, 2015 \$14,372,077	=	True-up Adjustment - Over (Under) Recovery \$949,382
--	---	--	---	--

Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
--	-------------------------------------	-------------------------------	--------	---------------------	--------------	-------------------------

0.2960%

An over or under collection will be recovered prorata over 2016, held for 2017 and returned prorata over 2018

<u>Calculation of Interest</u>					Monthly	
January	Year 2016	79,115	0.2960%	12	(2,810)	(81,925)
February	Year 2016	79,115	0.2960%	11	(2,576)	(81,691)
March	Year 2016	79,115	0.2960%	10	(2,342)	(81,457)
April	Year 2016	79,115	0.2960%	9	(2,108)	(81,223)
May	Year 2016	79,115	0.2960%	8	(1,873)	(80,989)
June	Year 2016	79,115	0.2960%	7	(1,639)	(80,754)
July	Year 2016	79,115	0.2960%	6	(1,405)	(80,520)
August	Year 2016	79,115	0.2960%	5	(1,171)	(80,286)
September	Year 2016	79,115	0.2960%	4	(937)	(80,052)
October	Year 2016	79,115	0.2960%	3	(703)	(79,818)
November	Year 2016	79,115	0.2960%	2	(468)	(79,584)
December	Year 2016	79,115	0.2960%	1	(234)	(79,349)
					(18,266)	(967,648)
Annual						
January through December	Year 2017	(967,648)	0.2960%	12	(34,371)	(1,002,019)
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>					Monthly	
January	Year 2018	1,002,019	0.2960%		(2,966)	85,117 (919,868)
February	Year 2018	919,868	0.2960%		(2,723)	85,117 (837,474)
March	Year 2018	837,474	0.2960%		(2,479)	85,117 (754,836)
April	Year 2018	754,836	0.2960%		(2,234)	85,117 (671,954)
May	Year 2018	671,954	0.2960%		(1,989)	85,117 (588,826)
June	Year 2018	588,826	0.2960%		(1,743)	85,117 (505,452)
July	Year 2018	505,452	0.2960%		(1,496)	85,117 (421,831)
August	Year 2018	421,831	0.2960%		(1,249)	85,117 (337,963)
September	Year 2018	337,963	0.2960%		(1,000)	85,117 (253,846)
October	Year 2018	253,846	0.2960%		(751)	85,117 (169,481)
November	Year 2018	169,481	0.2960%		(502)	85,117 (84,866)
December	Year 2018	84,866	0.2960%		(251)	85,117 0
					(19,383)	
True-Up Adjustment with Interest*						(1,021,402)
Less Over (Under) Recovery						949,382
Total Interest						(72,020)

*This amount plus Account 190 correction relating to a federal NOL carryforward (see Workpaper 1) corresponds to PATH-WV Attachment A, Line 3

Attachment 8
Potomac-Appalachian Transmission Highline, LLC
Example of Interest Rates and Interest Calculations
PATH Allegheny Transmission Company, LLC

Reconciliation Revenue Requirement For Year 2016 Available June 1, 2017 \$13,934,152	-	2016 Revenue Requirement Forecast by Sept 1, 2015 \$14,270,441	=	True-up Adjustment - Over (Under) Recovery \$336,289
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Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
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0.2960%

An over or under collection will be recovered prorata over 2014, held for 2014 and returned prorata over 2016

<u>Calculation of Interest</u>						
				Monthly		
January	Year 2015	28,024	0.2960%	12	(995)	(29,019)
February	Year 2015	28,024	0.2960%	11	(912)	(28,937)
March	Year 2015	28,024	0.2960%	10	(830)	(28,854)
April	Year 2015	28,024	0.2960%	9	(747)	(28,771)
May	Year 2015	28,024	0.2960%	8	(664)	(28,688)
June	Year 2015	28,024	0.2960%	7	(581)	(28,605)
July	Year 2015	28,024	0.2960%	6	(498)	(28,522)
August	Year 2015	28,024	0.2960%	5	(415)	(28,439)
September	Year 2015	28,024	0.2960%	4	(332)	(28,356)
October	Year 2015	28,024	0.2960%	3	(249)	(28,273)
November	Year 2015	28,024	0.2960%	2	(166)	(28,190)
December	Year 2015	28,024	0.2960%	1	(83)	(28,107)
					<u>(6,470)</u>	(342,759)
				Annual		
January through December	Year 2016	(342,759)	0.2960%	12	(12,175)	(354,934)
				Monthly		
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>						
January	Year 2017	354,934	0.2960%		(1,051)	(325,835)
February	Year 2017	325,835	0.2960%		(964)	(296,649)
March	Year 2017	296,649	0.2960%		(878)	(267,377)
April	Year 2017	267,377	0.2960%		(791)	(238,019)
May	Year 2017	238,019	0.2960%		(705)	(208,573)
June	Year 2017	208,573	0.2960%		(617)	(179,041)
July	Year 2017	179,041	0.2960%		(530)	(149,421)
August	Year 2017	149,421	0.2960%		(442)	(119,713)
September	Year 2017	119,713	0.2960%		(354)	(89,917)
October	Year 2017	89,917	0.2960%		(266)	(60,033)
November	Year 2017	60,033	0.2960%		(178)	(30,061)
December	Year 2017	30,061	0.2960%		(89)	0
					<u>(6,866)</u>	
True-Up Adjustment with Interest					\$ (361,800)	
Less Over (Under) Recovery					\$ 336,289	
Total Interest					\$ (25,511)	

Potomac-Appalachian Transmission Highline, LLC
Attachment 9 - Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan

Applicable to both PATH West Virginia Transmission Company, LLC & PATH Allegheny Transmission Company, LLC

To be Prepared on 8/15/2013 (hypothetical date)

SUMMARY							
YEAR	Estimated Effective cost of debt used in forecast/true up	Final Effective cost of debt for the construction loan:	Hypothetical Revenue Requirement			Hypothetical Monthly Interest Rate applicable over the ATRR period	Total Amount of Construction Loan Related True-Up included in rates effective Jan 2014 (Refund)/Owed
			Based on Estimated Effective cost of debt	Based on Actual Effective cost of debt	Over (Under) Recovery		
2008	7.18%	7.00%	\$ 2,500,000.00	\$ 2,400,000.00	\$ 100,000.00	0.550%	\$ (148,288.33)
2009	6.8%	7.00%	\$5,000,000.00	\$5,150,000.00	\$ (150,000.00)	0.560%	\$ 209,670.43
2010	7.2%	7.00%	\$8,300,000.00	\$8,200,000.00	\$ 100,000.00	0.540%	\$ (131,109.09)
2011	7.3%	7.00%	\$12,300,000.00	\$12,000,000.00	\$ 300,000.00	0.580%	\$ (368,656.73)
2012*	7.1%	6.83%	\$18,000,000.00	\$17,900,000.00	\$ 100,000.00	0.570%	\$ (114,946.28)
2013**	6.50%	6.50%	\$25,000,000.00	\$25,000,000.00	\$ -		
2014**	6.50%	6.50%					\$ (553,329.99)

* Assumes that the construction loan is retired on Sept 1, 2012

** Assumes permanent debt structure is put in place on Sept 1, 2012 with effective rate of 6.5%

Note: True-Up period is 2008 - 2012, with the true-up amount included in 2014 forecasted ATRR. Final effective cost of debt for 2012 is computed as follows: ((7%*243days)+(6.5%*122days))/365days

Calculation of Applicable Interest Expense for each ATRR period

Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Hypothetical Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
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Calculation of Interest for 2008 True-Up Period

An over or under collection will be recovered prorata over 2008, held for 2009, 2010, 2011, 2012, 2013 and returned prorata over 2014

		Monthly					
January	Year 2008	-	0.5500%	12.00	-	-	-
February	Year 2008	-	0.5500%	11.00	-	-	-
March	Year 2008	10,000	0.5500%	10.00	(550)		(10,550)
April	Year 2008	10,000	0.5500%	9.00	(495)		(10,495)
May	Year 2008	10,000	0.5500%	8.00	(440)		(10,440)
June	Year 2008	10,000	0.5500%	7.00	(385)		(10,385)
July	Year 2008	10,000	0.5500%	6.00	(330)		(10,330)
August	Year 2008	10,000	0.5500%	5.00	(275)		(10,275)
September	Year 2008	10,000	0.5500%	4.00	(220)		(10,220)
October	Year 2008	10,000	0.5500%	3.00	(165)		(10,165)
November	Year 2008	10,000	0.5500%	2.00	(110)		(10,110)
December	Year 2008	10,000	0.5500%	1.00	(55)		(10,055)
					(3,025)		(103,025)
		Annual					
January through December	Year 2009	(103,025)	0.5600%	12.00	(6,923)		(109,948)
January through December	Year 2010	(109,948)	0.5400%	12.00	(7,125)		(117,073)
January through December	Year 2011	(117,073)	0.5800%	12.00	(8,148)		(125,221)
January through December	Year 2012	(125,221)	0.5700%	12.00	(8,565)		(133,786)
January through December	Year 2013	(133,786)	0.5700%	12.00	(9,151)		(142,937)

Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months

		Monthly					
January	Year 2014	142,937	0.5700%		(815)	(12,357)	(131,395)
February	Year 2014	131,395	0.5700%		(749)	(12,357)	(119,786)
March	Year 2014	119,786	0.5700%		(683)	(12,357)	(108,112)
April	Year 2014	108,112	0.5700%		(616)	(12,357)	(96,371)
May	Year 2014	96,371	0.5700%		(549)	(12,357)	(84,563)
June	Year 2014	84,563	0.5700%		(482)	(12,357)	(72,687)
July	Year 2014	72,687	0.5700%		(414)	(12,357)	(60,744)
August	Year 2014	60,744	0.5700%		(346)	(12,357)	(48,733)
September	Year 2014	48,733	0.5700%		(278)	(12,357)	(36,653)
October	Year 2014	36,653	0.5700%		(209)	(12,357)	(24,505)
November	Year 2014	24,505	0.5700%		(140)	(12,357)	(12,287)
December	Year 2014	12,287	0.5700%		(70)	(12,357)	0
					(5,351)		
Total Amount of True-Up Adjustment for 2008 ATRR						\$	(148,288)
Less Over (Under) Recovery						\$	100,000
Total Interest						\$	(48,288)

Potomac-Appalachian Transmission Highline, LLC
Attachment 9 - Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan

Applicable to both PATH West Virginia Transmission Company, LLC & PATH Allegheny Transmission Company, LLC

Calculation of Interest for 2009 True-Up Period							
An over or under collection will be recovered prorata over 2009, held for 2010, 2011, 2012, 2013 and returned prorata over 2014							
						Monthly	
January	Year 2009	(12,500)	0.5600%	12.00	840	13,340	
February	Year 2009	(12,500)	0.5600%	11.00	770	13,270	
March	Year 2009	(12,500)	0.5600%	10.00	700	13,200	
April	Year 2009	(12,500)	0.5600%	9.00	630	13,130	
May	Year 2009	(12,500)	0.5600%	8.00	560	13,060	
June	Year 2009	(12,500)	0.5600%	7.00	490	12,990	
July	Year 2009	(12,500)	0.5600%	6.00	420	12,920	
August	Year 2009	(12,500)	0.5600%	5.00	350	12,850	
September	Year 2009	(12,500)	0.5600%	4.00	280	12,780	
October	Year 2009	(12,500)	0.5600%	3.00	210	12,710	
November	Year 2009	(12,500)	0.5600%	2.00	140	12,640	
December	Year 2009	(12,500)	0.5600%	1.00	70	12,570	
					5,460	155,460	
						Annual	
January through December	Year 2010	155,460	0.5400%	12.00	10,074	165,534	
January through December	Year 2011	165,534	0.5800%	12.00	11,521	177,055	
January through December	Year 2012	177,055	0.5700%	12.00	12,111	189,166	
January through December	Year 2013	189,166	0.5700%	12.00	12,939	202,104	
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months							
						Monthly	
January	Year 2014	(202,104)	0.5700%		1,152	17,473	185,784
February	Year 2014	(185,784)	0.5700%		1,059	17,473	169,370
March	Year 2014	(169,370)	0.5700%		965	17,473	152,863
April	Year 2014	(152,863)	0.5700%		871	17,473	136,262
May	Year 2014	(136,262)	0.5700%		777	17,473	119,566
June	Year 2014	(119,566)	0.5700%		682	17,473	102,775
July	Year 2014	(102,775)	0.5700%		586	17,473	85,888
August	Year 2014	(85,888)	0.5700%		490	17,473	68,905
September	Year 2014	(68,905)	0.5700%		393	17,473	51,826
October	Year 2014	(51,826)	0.5700%		295	17,473	34,649
November	Year 2014	(34,649)	0.5700%		197	17,473	17,374
December	Year 2014	(17,374)	0.5700%		99	17,473	(0)
					7,566		
Total Amount of True-Up Adjustment for 2009 ATRR						\$	209,670
Less Over (Under) Recovery						\$	(150,000)
Total Interest						\$	59,670

Calculation of Interest for 2010 True-Up Period							
An over or under collection will be recovered prorata over 2010, held for 2011, 2012, 2013 and returned prorata over 2014							
						Monthly	
January	Year 2010	8,333	0.5400%	12.00	(540)	(8,873)	
February	Year 2010	8,333	0.5400%	11.00	(495)	(8,828)	
March	Year 2010	8,333	0.5400%	10.00	(450)	(8,783)	
April	Year 2010	8,333	0.5400%	9.00	(405)	(8,738)	
May	Year 2010	8,333	0.5400%	8.00	(360)	(8,693)	
June	Year 2010	8,333	0.5400%	7.00	(315)	(8,648)	
July	Year 2010	8,333	0.5400%	6.00	(270)	(8,603)	
August	Year 2010	8,333	0.5400%	5.00	(225)	(8,558)	
September	Year 2010	8,333	0.5400%	4.00	(180)	(8,513)	
October	Year 2010	8,333	0.5400%	3.00	(135)	(8,468)	
November	Year 2010	8,333	0.5400%	2.00	(90)	(8,423)	
December	Year 2010	8,333	0.5400%	1.00	(45)	(8,378)	
					(3,510)	(103,510)	
						Annual	
January through December	Year 2011	(103,510)	0.5800%	12.00	(7,204)	(110,714)	
January through December	Year 2012	(110,714)	0.5700%	12.00	(7,573)	(118,287)	
January through December	Year 2013	(118,287)	0.5700%	12.00	(8,091)	(126,378)	
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months							
						Monthly	
January	Year 2014	126,378	0.5700%		(720)	(10,926)	(116,173)
February	Year 2014	116,173	0.5700%		(662)	(10,926)	(105,909)
March	Year 2014	105,909	0.5700%		(604)	(10,926)	(95,587)
April	Year 2014	95,587	0.5700%		(545)	(10,926)	(85,206)
May	Year 2014	85,206	0.5700%		(486)	(10,926)	(74,766)
June	Year 2014	74,766	0.5700%		(426)	(10,926)	(64,266)
July	Year 2014	64,266	0.5700%		(366)	(10,926)	(53,707)
August	Year 2014	53,707	0.5700%		(306)	(10,926)	(43,087)
September	Year 2014	43,087	0.5700%		(246)	(10,926)	(32,407)
October	Year 2014	32,407	0.5700%		(185)	(10,926)	(21,666)
November	Year 2014	21,666	0.5700%		(123)	(10,926)	(10,864)
December	Year 2014	10,864	0.5700%		(62)	(10,926)	0
					(4,731)		
Total Amount of True-Up Adjustment for 2010 ATRR						\$	(131,109)
Less Over (Under) Recovery						\$	100,000
Total Interest						\$	(31,109)

Potomac-Appalachian Transmission Highline, LLC
Attachment 9 - Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan

Applicable to both PATH West Virginia Transmission Company, LLC & PATH Allegheny Transmission Company, LLC

Calculation of Interest for 2011 True-Up Period						
An over or under collection will be recovered prorata over 2011, held for 2012, 2013 and returned prorata over 2014						
						Monthly
January	Year 2011	25,000	0.5800%	12.00	(1,740)	(26,740)
February	Year 2011	25,000	0.5800%	11.00	(1,595)	(26,595)
March	Year 2011	25,000	0.5800%	10.00	(1,450)	(26,450)
April	Year 2011	25,000	0.5800%	9.00	(1,305)	(26,305)
May	Year 2011	25,000	0.5800%	8.00	(1,160)	(26,160)
June	Year 2011	25,000	0.5800%	7.00	(1,015)	(26,015)
July	Year 2011	25,000	0.5800%	6.00	(870)	(25,870)
August	Year 2011	25,000	0.5800%	5.00	(725)	(25,725)
September	Year 2011	25,000	0.5800%	4.00	(580)	(25,580)
October	Year 2011	25,000	0.5800%	3.00	(435)	(25,435)
November	Year 2011	25,000	0.5800%	2.00	(290)	(25,290)
December	Year 2011	25,000	0.5800%	1.00	(145)	(25,145)
					(11,310)	(311,310)
						Annual
January through December	Year 2012	(311,310)	0.5700%	12.00	(21,294)	(332,604)
January through December	Year 2013	(332,604)	0.5700%	12.00	(22,750)	(355,354)
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months						
						Monthly
January	Year 2014	355,354	0.5700%		(2,026)	(30,721)
February	Year 2014	326,658	0.5700%		(1,862)	(30,721)
March	Year 2014	297,798	0.5700%		(1,697)	(30,721)
April	Year 2014	268,774	0.5700%		(1,532)	(30,721)
May	Year 2014	239,585	0.5700%		(1,366)	(30,721)
June	Year 2014	210,229	0.5700%		(1,198)	(30,721)
July	Year 2014	180,706	0.5700%		(1,030)	(30,721)
August	Year 2014	151,015	0.5700%		(861)	(30,721)
September	Year 2014	121,154	0.5700%		(691)	(30,721)
October	Year 2014	91,123	0.5700%		(519)	(30,721)
November	Year 2014	60,921	0.5700%		(347)	(30,721)
December	Year 2014	30,547	0.5700%		(174)	(30,721)
					(13,303)	0
Total Amount of True-Up Adjustment for 2011 ATRR					\$	(368,657)
Less Over (Under) Recovery					\$	300,000
Total Interest					\$	(68,657)

Calculation of Interest for 2012 True-Up Period						
An over or under collection will be recovered prorata over 2012, held for 2013 and returned prorata over 2014						
						Monthly
January	Year 2012	8,333	0.5700%	12.00	(570)	(8,903)
February	Year 2012	8,333	0.5700%	11.00	(523)	(8,856)
March	Year 2012	8,333	0.5700%	10.00	(475)	(8,808)
April	Year 2012	8,333	0.5700%	9.00	(428)	(8,761)
May	Year 2012	8,333	0.5700%	8.00	(380)	(8,713)
June	Year 2012	8,333	0.5700%	7.00	(333)	(8,666)
July	Year 2012	8,333	0.5700%	6.00	(285)	(8,618)
August	Year 2012	8,333	0.5700%	5.00	(238)	(8,571)
September	Year 2012	8,333	0.5700%	4.00	(190)	(8,523)
October	Year 2012	8,333	0.5700%	3.00	(143)	(8,476)
November	Year 2012	8,333	0.5700%	2.00	(95)	(8,428)
December	Year 2012	8,333	0.5700%	1.00	(48)	(8,381)
					(3,705)	(103,705)
						Annual
January through December	Year 2013	(103,705)	0.5700%	12.00	(7,093)	(110,798)
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months						
						Monthly
January	Year 2014	110,798	0.5700%		(632)	(9,579)
February	Year 2014	101,851	0.5700%		(581)	(9,579)
March	Year 2014	92,853	0.5700%		(529)	(9,579)
April	Year 2014	83,803	0.5700%		(478)	(9,579)
May	Year 2014	74,702	0.5700%		(426)	(9,579)
June	Year 2014	65,549	0.5700%		(374)	(9,579)
July	Year 2014	56,344	0.5700%		(321)	(9,579)
August	Year 2014	47,086	0.5700%		(268)	(9,579)
September	Year 2014	37,776	0.5700%		(215)	(9,579)
October	Year 2014	28,412	0.5700%		(162)	(9,579)
November	Year 2014	18,995	0.5700%		(108)	(9,579)
December	Year 2014	9,525	0.5700%		(54)	(9,579)
					(4,146)	0
Total Amount of True-Up Adjustment for 2012 ATRR					\$	(114,946)
Less Over (Under) Recovery					\$	100,000
Total Interest					\$	(14,946)

Potomac-Appalachian Transmission Highline, LLC
Attachment 10 - Depreciation Accrual Rates

Applicable to PATH West Virginia Transmission Company, LLC

TRANSMISSION PLANT		Accrual Rate (Annual) Percent	Annual Depreciation Expense
350.2	Land & Land Rights - Easements	1.43	-
352	Structures & Improvements	1.82	-
353	Station Equipment		
	Other	2.43	-
	SVC Dynamic Control Equipment	4.09	-
354	Towers & Fixtures	1.26	-
355	Poles & Fixtures	3.11	-
356	Overhead Conductors & Devices	1.13	-
Total Transmission Plant Depreciation			-
Total Transmission Depreciation Expense (must tie to p336.7.b & c)			-
GENERAL PLANT		Accrual Rate (Annual) Percent	Annual Depreciation Expense
390	Structures & Improvements	2.00	-
391	Office Furniture & Equipment	5.00	-
	Information Systems	10.00	-
	Data Handling	10.00	-
392	Transportation Equipment		
	Other	5.33	-
	Autos	11.43	-
	Light Trucks	6.96	-
	Medium Trucks	6.96	-
	Trailers	4.44	-
	ATV	5.33	-
393	Stores Equipment	5.00	-
394	Tools, Shop & Garage Equipment	5.00	-
395	Laboratory Equipment	5.00	-
396	Power Operated Equipment	4.17	-
397	Communication Equipment	6.67	-
398	Miscellaneous Equipment	6.67	-
Total General Plant			-
Total General Plant Depreciation Expense (must tie to p336.10.b & c)			-
INTANGIBLE PLANT		Accrual Rate (Annual) Percent	Annual Depreciation Expense
303	Miscellaneous Intangible Plant	20.00	-
Total Intangible Plant			-
Total Intangible Plant Amortization (must tie to p336.1 d & e)			-

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

Potomac-Appalachian Transmission Highline, LLC
Attachment 10 - Depreciation Accrual Rates

Applicable to PATH Allegheny Transmission Company, LLC

		Accrual Rate (Annual) Percent	Annual Depreciation Expense
TRANSMISSION PLANT			
350.2	Land & Land Rights - Easements	1.43	-
352	Structures & Improvements	1.82	-
353	Station Equipment		
	Other	2.43	-
	SVC Dynamic Control Equipment	4.09	-
354	Towers & Fixtures	1.26	-
355	Poles & Fixtures	3.11	-
356	Overhead Conductors & Devices	1.13	-
Total Transmission Plant Depreciation			-
Total Transmission Depreciation Expense (must tie to p336.7.b & c)			-
GENERAL PLANT			
390	Structures & Improvements	2.00	-
391	Office Furniture & Equipment	5.00	-
	Information Systems	10.00	-
	Data Handling	10.00	-
392	Transportation Equipment		
	Other	5.33	-
	Autos	11.43	-
	Light Trucks	6.96	-
	Medium Trucks	6.96	-
	Trailers	4.44	-
	ATV	5.33	-
393	Stores Equipment	5.00	-
394	Tools, Shop & Garage Equipment	5.00	-
395	Laboratory Equipment	5.00	-
396	Power Operated Equipment	4.17	-
397	Communication Equipment	6.67	-
398	Miscellaneous Equipment	6.67	-
Total General Plant			-
Total General Plant Depreciation Expense (must tie to p336.10.b.c.d&e)			-
INTANGIBLE PLANT			
303	Miscellaneous Intangible Plant	20.00	-
Total Intangible Plant			-
Total Intangible Plant Amortization (must tie to p336.1 d & e)			-

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