

POTOMAC-APPALACHIAN TRANSMISSION HIGHLINE, LLC
REVISED PROJECTED TRANSMISSION REVENUE REQUIREMENT
FOR RATE YEAR 2010

For the 12 months ended 12/31/2010

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	\$12,480,138 (A)	\$10,572,847 (B)	\$23,052,986
2 PJM Project No.			
3 b0490 & b0491	\$12,480,138 (C)		\$12,480,138
4 b0492 & b0560		\$10,572,847 (D)	\$10,572,847
5			
6 Total (Sum lines 3 to 5)	<u>\$12,480,138</u>	<u>\$10,572,847</u>	<u>\$23,052,986</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., (6)
(D) Rate Formula Template - Attachment 5, page 31 col., (5)

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 12/31/2010

Line No.	(1)	(2)	(3)
			Allocated Amount
<u>1</u>	GROSS REVENUE REQUIREMENT (line 86)	12 months	<u>\$ 18,125,035</u>
REVENUE CREDITS			
2	Total Revenue Credits	<u>Total</u> 0	
	Attachment 1, line 12	TP	1.00000
3	True-up Adjustment with Interest	DA	1.00000
	Protocols	DA	1.00000
4	Accelerated True-up Adjustment with Interest		
5	NET REVENUE REQUIREMENT (Lines 1 minus line 2 plus line 3 plus line 4)		<u>\$ 12,480,138</u>

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2010

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)	890,828	NP	1.00000	890,828
29	Account No. 190	(Attachment 4)	3,294,376	NP	1.00000	3,294,376
30	Account No. 255 (enter negative)	(Attachment 4)	-	NP	1.00000	-
31	CWIP	(Attachment 4)	68,885,839	DA	1.00000	68,885,839
32	Unamortized Regulatory Asset	(Attachment 4)	3,296,685	DA	1.00000	3,296,685
33	Unamortized Abandoned Plant	(Attachment 4)	-	DA	1.00000	-
34	TOTAL ADJUSTMENTS (sum lines 27-34)		76,367,364			76,367,364
35	LAND HELD FOR FUTURE USE	(Attachment 4)	-	TP	1.00000	-
	WORKING CAPITAL (Note C)					
37	CWC	calculated	785,212			785,212
38	Materials & Supplies (Note B)	(Attachment 4)	-	TE	1.00000	-
39	Prepayments (Account 165 - Note C)	(Attachment 4)	31,830	GP	1.00000	31,830
40	TOTAL WORKING CAPITAL (sum lines 38-40)		817,042			817,042
41	RATE BASE (sum lines 25, 35, 36, & 41)		<u>77,184,406</u>			<u>77,184,406</u>

Formula Rate - Non-Levelized		Attachment A Rate Formula Template Utilizing FERC Form 1 Data			For the 12 months ended 12/31/2010	
(1)	PATH West Virginia Transmission Company, LLC		(4)	(5)		
	Form No. 1 Page, Line, Col.	Company Total	Allocator		Transmission (Col 3 times Col 4)	
43	O&M					
44	Transmission	321.112.b	1,236,257	TE	1.00000	1,236,257
45	Less Account 565	321.96.b	-	TE	1.00000	-
46	Less Account 566 (Misc Trans Expense)	Line 56	1,236,257	DA	1.00000	1,236,257
47	A&G	323.197.b	5,040,341	W/S	1.00000	5,040,341
48	Less EPRI & Reg. Comm. Exp. & Other Ac	(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)	5,097			5,097
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	1,236,257	DA	1.00000	1,236,257
55	Miscellaneous Transmission Expense	Attachment 4	-	DA	1.00000	-
56	Total Account 566		1,236,257			1,236,257
57	TOTAL O&M (sum lines 44, 47, 49, 50, 51, 52, 56 less lines 45, 46 & 48)		6,281,695			6,281,695
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	$T = 1 - \frac{((1 - SIT) * (1 - FIT))}{(1 - SIT * FIT * p)}$		40.53%			
76	$CIT = (T/1-T) * (1 - (WCLTD/R))$		46.52%			
77	where WCLTD=(line 118) and R=(line 121)					
78	and FIT, SIT & p are as given in footnote F.					
79	$1 / (1 - T) = (T \text{ from line 75})$		1.6814			
80	Amortized Investment Tax Credit (266.8f) (enter negative)		0			
81	Income Tax Calculation = line 76 * line 85		3,760,315	NA		3,760,315
82	ITC adjustment (line 79 * line 80)		0	NP	1.00000	-
83	Total Income Taxes (line 81 plus line 82)		3,760,315			3,760,315
84	RETURN					
85	[Rate Base (line 42) * Rate of Return (line 121)]		8,083,025	NA		8,083,025
86	REV. REQUIREMENT (sum lines 57, 63, 73, 83, 85)		18,125,035			18,125,035

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2010

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)						1,236,257	
96	Less transmission expenses included in OATT Ancillary Services (Note G)						0	
97	Included transmission expenses (line 95 less line 96)						1,236,257	
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	431,862	1.00	431,862			
105	Distribution	354.23.b	0					
106	Other	354.24,25,26.b	0					
107	Total (sum lines 103-106) [TP equals 1 if there are no wages & salaries]		431,862		431,862	=	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)	
111	Gas	201.3.d	0		1.00000	x	1.00000	= CE
112	Water	201.3.e	0					1.00000
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%	6.64%		0.0332	=WCLTD
119	Preferred Stock	(Attachment 4)	0	0%	0.00%		0.0000	
120	Common Stock (Note J)	(Attachment 4)	0	50%	14.30%		0.0715	
121	Total (sum lines 118-120)		0				0.1047	=R

SUPPORTING CALCULATIONS AND NOTES

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 12/31/2010

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 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= | 8.50% | (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 ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC.
- K The percentage shown for Long Term Debt is subject to the Annual Update and Attachment 6 and Attachment 9.

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

PATH Allegheny Transmission Company, LLC

For the 12 months ended 12/31/2010

Line No.		(1)	(2)	(3)
				Allocated Amount
1	GROSS REVENUE REQUIREMENT (line 86)		12 months	\$ 11,385,062
REVENUE CREDITS				
2	Total Revenue Credits	Attachment 1, line 12	Total	0
3	True-up Adjustment with Interest	Protocols	TP	1.00000
4	Accelerated True-up Adjustment with Interest		DA	1.00000
			DA	1.00000
5	NET REVENUE REQUIREMENT (Lines 1 minus line 2 plus line 3 plus line 4)			\$ 10,572,847

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2010

Line No.	(1) RATE BASE:	PATH Allegheny Transmission Company, LLC				(5) Transmission (Col 3 times Col 4)
		(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator	(5) Transmission	
6	GROSS PLANT IN SERVICE					
6	Production	(Attachment 4)	-	NA	0.00000	-
7	Transmission	(Attachment 4)	9,717,786	TP	1.00000	9,717,786
8	Distribution	(Attachment 4)	-	NA	0.00000	-
9	General & Intangible	(Attachment 4)	45,324	W/S	1.00000	45,324
10	Common	(Attachment 4)	-	CE	1.00000	-
11	TOTAL GROSS PLANT (sum lines 6-10)	(GP=1 if plant =0)	<u>9,763,110</u>	GP=	1.00000	<u>9,763,110</u>
12	ACCUMULATED DEPRECIATION					
13	Production	(Attachment 4)	-	NA	0.00000	-
14	Transmission	(Attachment 4)	-	TP	1.00000	-
15	Distribution	(Attachment 4)	-	NA	0.00000	-
16	General & Intangible	(Attachment 4)	1,606	W/S	1.00000	1,606
17	Common	(Attachment 4)	-	CE	1.00000	-
18	TOTAL ACCUM. DEPRECIATION (sum lines 13-17)		<u>1,606</u>			<u>1,606</u>
19	NET PLANT IN SERVICE					
20	Production	(line 6- line 13)	-			-
21	Transmission	(line 7- line 14)	9,717,786			9,717,786
22	Distribution	(line 8- line 15)	-			-
23	General & Intangible	(line 9- line 16)	43,718			43,718
24	Common	(line 10- line 17)	-			-
25	TOTAL NET PLANT (sum lines 20-24)	(NP=1 if plant =0)	<u>9,761,504</u>	NP=	1.0000	<u>9,761,504</u>
26	ADJUSTMENTS TO RATE BASE (Note A)					
27	Account No. 281 (enter negative)	(Attachment 4)	-	NA	0.00000	-
28	Account No. 282 (enter negative)	(Attachment 4)	(3,502)	NP	1.00000	(3,502)
29	Account No. 283 (enter negative)	(Attachment 4)	-	NP	1.00000	-
30	Account No. 190	(Attachment 4)	322,057	NP	1.00000	322,057
31	Account No. 255 (enter negative)	(Attachment 4)	-	NP	1.00000	-
32	CWIP	(Attachment 4)	42,306,210	DA	1.00000	42,306,210
33	Unamortized Regulatory Asset	(Attachment 4)	499,371	DA	1.00000	499,371
34	Unamortized Abandoned Plant	(Attachment 4)	-	DA	1.00000	-
35	TOTAL ADJUSTMENTS (sum lines 27-34)		<u>43,124,136</u>			<u>43,124,136</u>
36	LAND HELD FOR FUTURE USE	(Attachment 4)	-	TP	1.00000	-
37	WORKING CAPITAL (Note C)					
38	CWC	calculated	329,323			329,323
39	Materials & Supplies (Note B)	(Attachment 4)	-	TE	1.00000	-
40	Prepayments (Account 165 - Note C)	(Attachment 4)	5,733	GP	1.00000	5,733
41	TOTAL WORKING CAPITAL (sum lines 38-40)		<u>335,056</u>			<u>335,056</u>
42	RATE BASE (sum lines 25, 35, 36, & 41)		<u><u>53,220,696</u></u>			<u><u>53,220,696</u></u>

Formula Rate - Non-Levelized		Attachment A Rate Formula Template Utilizing FERC Form 1 Data			For the 12 months ended 12/31/2010	
(1)	(2)	(3)	(4)	(5)		
PATH Allegheny 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	187,264	TE	1.00000	187,264
45	Less Account 565	321.96.b	-	TE	1.00000	-
46	Less Account 566	Line 56	187,264	DA	1.00000	187,264
47	A&G	323.197.b	2,446,116	W/S	1.00000	2,446,116
48	Less EPRI & Reg. Comm. Exp. & Other Ad.	(Note D & Attach 4)	35,029	DA	1.00000	35,029
49	Plus Transmission Related Reg. Comm. Exp.	(Note D & Attach 4)	35,029	TE	1.00000	35,029
50	PBOP Expense adjustment	(Attachment 4)	1,207			1,207
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	187,264	DA	1.00000	187,264
55	Miscellaneous Transmission Expense	Attachment 4	-	DA	1.00000	-
56	Total Account 566		187,264			187,264
57	TOTAL O&M (sum lines 44, 47, 49, 50, 51, 52, 56 less lines 45,46, 48)		2,634,587			2,634,587
58	DEPRECIATION EXPENSE					
59	Transmission	336.7.b & c	-	TP	1.00000	-
60	General and Intangible	336.1.d&e + 336.10.b&c	2,142	W/S	1.00000	2,142
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)		2,142			2,142
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	564,648	GP	1.00000	564,648
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)		564,648			564,648
74	INCOME TAXES (Note F)					
75	$T=1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\} =$		40.41%			
76	$\text{CIT}=(T/1-T) * (1-(\text{WCLTD}/R)) =$		46.05%			
77	where WCLTD=(line 118) and R= (line 121)					
78	and FIT, SIT & p are as given in footnote F.					
79	$1 / (1 - T) = (T \text{ from line 75})$		1.6781			
80	Amortized Investment Tax Credit (266.8f) (enter negative)		0			
81	Income Tax Calculation = line 76 * line 85		2,580,389	NA		2,580,389
82	ITC adjustment (line 79 * line 80)		0	NP	1.00000	-
83	Total Income Taxes (line 81 plus line 82)		2,580,389			2,580,389
84	RETURN					
85	[Rate Base (line 42) * Rate of Return (line 121)]		5,603,296	NA		5,603,296
86	REV. REQUIREMENT (sum lines 57, 63, 73, 83, 85)		11,385,062			11,385,062

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2010

PATH Allegheny Transmission Company, LLC
SUPPORTING CALCULATIONS AND NOTES

87	TRANSMISSION PLANT INCLUDED IN ISO RATES							
88	Total transmission plant (line 7, column 3)						9,717,786	
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)						9,717,786	
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)						187,264	
96	Less transmission expenses included in OATT Ancillary Services (Note G)						0	
97	Included transmission expenses (line 95 less line 96)						187,264	
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	903	1.00	903			
105	Distribution	354.23.b	0					
106	Other	354.24,25,26.b	332,721	1.00	332,721	W&S Allocator (\$ / Allocation)		
107	Total (sum lines 103-106) [TP equals 1 if there are no wages & salaries]		333,624		333,624	=	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	=
112	Water	201.3.e	0					1.00000
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%	6.76%	0.0338	=WCLTD	
119	Preferred Stock	(Attachment 4)	0	0%	0.00%	0.0000		
120	Common Stock (Note J)	(Attachment 4)	0	50%	14.30%	0.0715		
121	Total (sum lines 118-120)		0			0.1053	=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 12/31/2010

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 = | 8.32% | (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 ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC.
- K The percentage shown for Long Term Debt is subject to the Annual Update and Attachment 6 and Attachment 9.

**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 <u>Pacific Gas and Electric Company</u> , 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 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)	\$ 9,717,786
3	Transmission Plant @ End of Period	(Attachment 4)	<u>9,717,786</u>
4	Sum	(sum lines 2 & 3)	\$ 19,435,572
5	Average Balance of Transmission Investment	(line 4/2)	\$ 9,717,786
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 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	2009	-
3	January	company records	2010	-
4	February	company records	2010	-
5	March	company records	2010	-
6	April	company records	2010	-
7	May	company records	2010	-
8	June	company records	2010	-
9	July	company records	2010	-
10	August	company records	2010	-
11	September	company records	2010	-
12	October	company records	2010	-
13	November	company records	2010	-
14	December	p207.58.g	2010	-
15	Transmission Plant In Service	(sum lines 2-14) /13		-
16	Calculation of Distribution Plant In Service	Source		
17	December	p206.75.b	2009	-
18	January	company records	2010	-
19	February	company records	2010	-
20	March	company records	2010	-
21	April	company records	2010	-
22	May	company records	2010	-
23	June	company records	2010	-
24	July	company records	2010	-
25	August	company records	2010	-
26	September	company records	2010	-
27	October	company records	2010	-
28	November	company records	2010	-
29	December	p207.75.g	2010	-
30	Distribution Plant In Service	(sum lines 17-29) /13		-
31	Calculation of Intangible Plant In Service	Source		
32	December	p204.5.b	2009	-
33	December	p205.5.g	2010	-
34	Intangible Plant In Service	(sum lines 32 & 33) /2		-
35	Calculation of General Plant In Service	Source		
36	December	p206.99.b	2009	-
37	December	p207.99.g	2010	-
38	General Plant In Service	(sum lines 36 & 37) /2		-
39	Calculation of Production Plant In Service	Source		
40	December	p204.46b	2009	-
41	January	company records	2010	-
42	February	company records	2010	-
43	March	company records	2010	-
44	April	company records	2010	-
45	May	company records	2010	-
46	March	Attachment 6	2010	-
47	April	company records	2010	-
48	August	company records	2010	-
49	September	company records	2010	-
50	October	company records	2010	-
51	November	company records	2010	-
52	December	p205.46.g	2010	-
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	2009	-
56	December (Electric Portion)	p356	2010	-
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	2009	-	
61	January	company records	2010	-	
62	February	company records	2010	-	
63	March	company records	2010	-	
64	April	company records	2010	-	
65	May	company records	2010	-	
66	June	company records	2010	-	
67	July	company records	2010	-	
68	August	company records	2010	-	
69	September	company records	2010	-	
70	October	company records	2010	-	
71	November	company records	2010	-	
72	December	p219.25	2010	-	
73	Transmission Accumulated Depreciation	(sum lines 60-72) /13		-	
74	Calculation of Distribution Accumulated Depreciation	Source	Year	Balance	
75	December	Prior year p219.26	2009	-	
76	January	company records	2010	-	
77	February	company records	2010	-	
78	March	company records	2010	-	
79	April	company records	2010	-	
80	May	company records	2010	-	
81	June	company records	2010	-	
82	July	company records	2010	-	
83	August	company records	2010	-	
84	September	company records	2010	-	
85	October	company records	2010	-	
86	November	company records	2010	-	
87	December	p219.26	2010	-	
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	2009	-	
91	December	p200.21c	2010	-	
92	Accumulated Intangible Depreciation	(sum lines 90 & 91) /2		-	
93	Calculation of General Accumulated Depreciation	Source	Year	Balance	
94	December	Prior year p219.28	2009	-	
95	December	p219.28	2010	-	
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	2009 -
99	January	company records	2010 -
100	February	company records	2010 -
101	March	company records	2010 -
102	April	company records	2010 -
103	May	company records	2010 -
104	June	company records	2010 -
105	July	company records	2010 -
106	August	company records	2010 -
107	September	company records	2010 -
108	October	company records	2010 -
109	November	company records	2010 -
110	December	p219.20 thru 219.24	2010 -
111	Production Accumulated Depreciation		(sum lines 98-110) /13 -
112	Calculation of Common Accumulated Depreciation		
113	December (Electric Portion)	p356	2009 -
114	December (Electric Portion)	p356	2010 -
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	890,828	890,828	890,828
120	Account No. 190	234.8.c	3,294,376	3,294,376	3,294,376
121	Account No. 255 (enter negative)	267.8.h	-	-	0
122	Unamortized Abandoned Plant	Per FERC Order	-	-	0
123	Prepayments (Account 165)	111.57.c	31,830	31,830	31,830

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

	Source				Amos Substation Upgrade	Amos to Welton Spring Line	Welton Spring Substation and SVC	Welton Spring to Interconnection with PATH Allegheny	Total
124	Calculation of Transmission CWIP								
125	December	216.b	2009	\$ 41,575,099	\$ 3,406,476	\$ 23,894,176	\$ 10,950,342	\$ 3,324,105	41,575,099
126	January	company records	2010	45,032,544	3,493,837	26,645,323	11,035,525	3,857,858	45,032,544
127	February	company records	2010	48,514,721	3,579,806	29,420,169	11,118,349	4,396,398	48,514,721
128	March	company records	2010	53,946,730	5,609,353	32,195,391	11,206,973	4,935,013	53,946,730
129	April	company records	2010	57,955,368	6,000,559	35,151,489	11,293,025	5,510,295	57,955,368
130	May	company records	2010	62,282,651	6,827,187	38,013,782	11,375,413	6,066,270	62,282,651
131	June	company records	2010	68,404,614	9,332,434	40,970,991	11,459,862	6,641,328	68,404,614
132	July	company records	2010	73,439,197	10,781,766	43,901,532	11,543,271	7,212,628	73,439,197
133	August	company records	2010	77,093,282	10,842,364	46,836,050	11,630,151	7,784,717	77,093,282
134	September	company records	2010	82,067,477	12,206,930	49,783,040	11,718,202	8,359,305	82,067,477
135	October	company records	2010	86,034,375	12,362,897	52,838,423	11,877,333	8,955,722	86,034,375
136	November	company records	2010	90,257,062	12,404,209	56,273,472	11,950,907	9,628,474	90,257,062
137	December	216.b	2010	108,912,785	25,302,027	60,368,198	12,808,697	10,433,863	108,912,785
138	Transmission CWIP	(sum lines 125-137) /13		\$ 68,885,839	\$ 9,396,142	\$ 41,253,233	\$ 11,536,004	\$ 6,700,460	68,885,839

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
139	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						
140	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							
141	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
Directly Assigned A&G							
142	General Advertising Exp Account 930.1	p323.191.b		1,643,192	1,643,192	-	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
Income Tax Rates							
143	SIT=State Income Tax Rate or Composite		WV 8.500%				8.50%

Excluded Plant Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Excluded Transmission Facilities	Description of the Facilities
144	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	
	Example	Enter \$	
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
145	Assigned to O&M	p227.6	-	-	-
146	Stores Expense Undistributed	p227.16	-	-	-
147	Undistributed Stores Exp		-	-	-
148	Transmission Materials & Supplies	p227.8	-	-	-

Regulatory Asset

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				
149	Beginning Balance of Regulatory Asset	p111.72.d (and notes)	\$ 3,914,814	Uncapitalized costs as of date the rates become effective As approved by FERC
150	Months Remaining in Amortization Period		38	
151	Monthly Amortization	(line 149 - line 153) / 152	\$ 103,021	Number of months rates are in effect during the calendar year
152	Months in Year to be amortized		12	
153	Ending Balance of Regulatory Asset	p111.72.c	\$ 2,678,557	
154	Average Balance of Regulatory Asset	(line 149 + line 153)/2	\$ 3,296,685	

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

Capital Structure

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

155	Monthly Balances for Capital Structure	Year	Debt	Preferred Stock	Common Stock
156					
157	January	2010	0	-	0
158	February	2010	-	-	-
159	March	2010	-	-	-
160	April	2010	-	-	-
161	May	2010	-	-	-
162	June	2010	-	-	-
163	July	2010	-	-	-
164	August	2010	-	-	-
165	September	2010	-	-	-
166	October	2010	-	-	-
167	November	2010	-	-	-
168	December	2010	-	-	-
169	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

170	Amortization Expense on Regulatory Asset	Total
171	Miscellaneous Transmission Expense	\$ 1,236,257
		-
172	Total Account 566	\$ 1,236,257

Footnote Data: Schedule Page 320 b. 97

PBOPs

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

Details

173	<u>Calculation of PBOP Expenses</u>	
174	<u>PATH-WV - AEP Employees</u>	
175	Total PBOP expenses	\$ 117,254,159
176	Amount relating to retired personnel	\$ -
177	Amount allocated on Labor	\$ 117,254,159
178	Labor dollars	\$ 1,151,954,661
179	Cost per labor dollar	\$ 0.102
180	PATH WV labor (labor not capitalized) current year	\$ 867,609
181	PATH WV PBOP Expense for current year	\$ 88,311
182	PATH WV PBOP Expense in Account 926 for current year	\$ 88,311
183	PBOP Adjustment for Appendix A, Line 50	\$ -
184	Lines 175-179 cannot change absent approval or acceptance by FERC in a separate proceeding.	
184	<u>PATH-WV - Allegheny Employees</u>	
185	Total PBOP expenses	\$ 22,856,433
186	Amount relating to retired personnel	\$ 8,786,372
187	Amount allocated on FTEs	\$ 14,070,061
188	Number of FTEs	4,474
189	Cost per FTE	\$ 3,145
190	PATH WV FTEs (labor not capitalized) current year	10.92
191	PATH WV PBOP Expense for current year	\$ 34,345
192	PATH WV PBOP Expense in Account 926 for current year	\$ 29,248
193	PBOP Adjustment for Appendix A, Line 50	\$ 5,097
194	Lines 185-189 cannot change absent approval or acceptance by FERC in a separate proceeding.	

195	PBOP Expense adjustment	(sum lines 183 & 193)	\$	5,097
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	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2													
3													
4													
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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

Line #	Description	Source	Year	Balance
1	Calculation of Transmission Plant In Service	Source	Year	Balance
2	December	p206.58.b	2009	\$ 9,717,786
3	January	company records	2010	9,717,786
4	February	company records	2010	9,717,786
5	March	company records	2010	9,717,786
6	April	company records	2010	9,717,786
7	May	company records	2010	9,717,786
8	June	company records	2010	9,717,786
9	July	company records	2010	9,717,786
10	August	company records	2010	9,717,786
11	September	company records	2010	9,717,786
12	October	company records	2010	9,717,786
13	November	company records	2010	9,717,786
14	December	p207.58.g	2010	9,717,786
15	Transmission Plant In Service	(sum lines 2-14) /13		\$ 9,717,786
16	Calculation of Distribution Plant In Service	Source		
17	December	p206.75.b	2009	-
18	January	company records	2010	-
19	February	company records	2010	-
20	March	company records	2010	-
21	April	company records	2010	-
22	May	company records	2010	-
23	June	company records	2010	-
24	July	company records	2010	-
25	August	company records	2010	-
26	September	company records	2010	-
27	October	company records	2010	-
28	November	company records	2010	-
29	December	p207.75.g	2010	-
30	Distribution Plant In Service	(sum lines 17-29) /13		-
31	Calculation of Intangible Plant In Service	Source		
32	December	p204.5b	2009	-
33	December	p205.5.g	2010	-
34	Intangible Plant In Service	(sum lines 32 & 33) /2		-
35	Calculation of General Plant In Service	Source		
36	December	p206.99.b	2009	\$ 45,324
37	December	p207.99.g	2010	45,324
38	General Plant In Service	(sum lines 36 & 37) /2		\$ 45,324
39	Calculation of Production Plant In Service	Source		
40	December	p204.46b	2009	-
41	January	company records	2010	-
42	February	company records	2010	-
43	March	company records	2010	-
44	April	company records	2010	-
45	May	company records	2010	-
46	March	Attachment 6	2010	-
47	April	company records	2010	-
48	August	company records	2010	-
49	September	company records	2010	-
50	October	company records	2010	-
51	November	company records	2010	-
52	December	p205.46.g	2010	-
53	Production Plant In Service	(sum lines 40-52) /13		-

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

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New Plant Carrying Charge

Formula Line	Item	
	5 NET REVENUE REQUIREMENT	12,480,138
	21 NET TRANSMISSION PLANT IN SERVICE	-
	32 CWIP	68,885,839
	Carrying charge (line 3/sum of lines 4 and 5)	0.18117

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

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**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 year:**

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		PJM Upgrade ID: b0490 & b0491					
Details	(Yes or No)	Amos Substation Upgrade - CWIP	Amos to Welton Spring Line - CWIP	Welton Spring Substation and SVC - CWIP	Welton Spring to Interconnection with PATH Allegheny - CWIP	Transmission Plant In Service	Totals
"Yes" if a project under PJM OATT Schedule 12, otherwise "No"		Yes	Yes	Yes		Yes	
FCR for This Project		18.1%	18.1%	18.1%	18.1%	18.1%	
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.							
Investment		9,396,142	41,253,233	11,536,004	6,700,460	-	68,885,839
Revenue Requirement		1,702,311.45	7,473,902.77	2,089,993.06	1,213,931.12	-	12,480,138.40

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

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New Plant Carrying Charge

Formula Line	Item	
	5 NET REVENUE REQUIREMENT	10,572,847
	21 NET TRANSMISSION PLANT IN SERVICE	9,717,786
	32 CWIP	42,306,210
	Carrying charge (line 3/sum of lines 4 and 5)	0.20323

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

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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 year:

9
10
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12

"Yes" if a project under PJM OATT Schedule 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	Kemptown Substation - CWIP	Kemptown to Interconnection with PATH West Virginia - CWIP	Welton Spring Substation - CWIP	Transmission Plant In Service	Totals
Schedule 12 (Yes or No)	Yes	Yes	Yes	Yes	
FCR for This Project	20.3%	20.3%	20.3%	20.3%	
Investment	6,940,202	28,344,279	7,021,728	9,717,786	52,023,995
Revenue Requirement	1,410,458.71	5,760,413.68	1,427,027.27	1,974,947.60	10,572,847.27

Attachment 6 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology -- PATH-WI

HYPOTHETICAL EXAMPLE

PATH anticipates its financing will be a 7 year loan, where by PATH pays Origination Fees of \$7.9 million and a Commitments Fee of 0.375% on the undrawn principle.

Consistent with GAAP, PATH will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below.

Each year, PATH 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	\$ 600,000,000
--------------------------	-----------------------

Internal Rate of Return¹ 6.64%

Based on following Financial Formula²:

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

Origination Fees	
Underwriting Discount	-
Arrangement Fee	2,000,000
Upfront Fee	4,400,000
Rating Agency Fee	200,000
Legal Fees	1,250,000
Total Issuance Expense	7,850,000
Annual Rating Agency Fee	200,000
Annual Bank Agency Fee	75,000
Revolving Credit Commitment Fee	0.375%

	2008	2009	2010	2011	2012	2013	2014
LIBOR Rate	4.0610%	4.0610%	4.0610%	4.0610%	4.0610%	4.0610%	4.0610%
Spread	1.875%	1.875%	1.875%	1.875%	1.875%	1.875%	1.875%
Interest Rate	5.94%	5.94%	5.94%	5.94%	5.94%	5.94%	5.94%

(A) Year	(B)	(C) Capital Expenditures (\$000's)	(D) Principle Drawn In Quarter (\$000's)	(E) Principle Drawn To Date (\$000's)	(F) Interest Expense (\$000's)	(G) Origination Fees (\$000's)	(H) Commitment & Utilization Fee (\$000's)	(I) Net Cash Flows (\$000's) (D-F-G-H)
Prior to 11/2008		16,529						
11/30/2008	Q4	8,923		-	-			-
2/15/2009	Q1	14,636	20,044	20,044	-	125		19,919
5/15/2009	Q2	17,119	8,560	28,604	297			8,262
8/15/2009	Q3	46,132	23,066	51,670	424			22,642
11/15/2009	Q4	62,740	31,370	83,040	767			30,603
2/15/2010	Q1	132,393	66,197	149,236	1,232	7,725	553	56,686
5/15/2010	Q2	132,393	66,197	215,433	2,215		491	63,490
8/15/2010	Q3	132,393	66,197	281,629	3,197		429	62,570
11/15/2010	Q4	132,393	66,197	347,826	4,179		367	61,650
2/15/2011	Q1	70,588	35,294	383,120	5,162		305	29,827
5/15/2011	Q2	70,588	35,294	418,414	5,685		272	29,336
8/15/2011	Q3	70,588	35,294	453,708	6,209		239	28,846
11/15/2011	Q4	70,588	35,294	489,002	6,733		206	28,355
2/15/2012	Q1	51,885	25,943	514,944	7,257		173	18,513
5/15/2012	Q2	51,885	25,943	540,887	7,642		148	18,152
8/15/2012	Q3	51,885	25,943	566,829	8,027		124	17,792
11/15/2012	Q4	51,885	25,943	592,772	8,412		100	17,431
2/15/2013	Q1	11,122	7,228	600,000	8,797		76	(1,644)
5/15/2013	Q2			600,000	8,904		69	(8,973)
8/15/2013	Q3			600,000	8,904		69	(8,973)
11/15/2013	Q4			600,000	8,904		69	(8,973)
2/15/2014	Q1			600,000	8,904		69	(8,973)
5/15/2014	Q2			600,000	8,904		69	(8,973)
8/15/2014	Q3			600,000	8,904		69	(8,973)
11/15/2014	Q4			600,000	8,904		69	(8,973)
2/15/2015	Q1			600,000	8,904		-	(608,903)

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

² The IRR is a discount rate that makes the net present value of a series of cash flows equal to zero. The IRR equation can only be solved through iterations performed by a computer program (i.e. NPV function with goal seek in a spreadsheet program).

Attachment 6 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology -- PATH-Allegheny

HYPOTHETICAL EXAMPLE

PATH anticipates its financing will be a 7 year loan, where by PATH pays Origination Fees of \$4.2 million and a Commitments Fee of 0.375% on the undrawn principle. Consistent with GAAP, PATH will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below. Each year, PATH 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	\$ 300,000,000
--------------------------	-----------------------

Internal Rate of Return¹ 6.76%

Based on following Financial Formula²:

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

Origination Fees	
Underwriting Discount	-
Arrangement Fee	1,000,000
Upfront Fee	2,200,000
Rating Agency Fee	200,000
Legal Fees	750,000
Total Issuance Expense	4,150,000
Annual Rating Agency Fee 200,000	
Annual Bank Agency Fee	75,000
Revolving Credit Commitment Fee	0.375%

	2008	2009	2010	2011	2012	2013	2014
LIBOR Rate	4.0610%	4.0610%	4.0610%	4.0610%	4.0610%	4.0610%	4.0610%
Spread	1.875%	1.875%	1.875%	1.875%	1.875%	1.875%	1.875%
Interest Rate	5.94%	5.94%	5.94%	5.94%	5.94%	5.94%	5.94%

(A) Year	(B)	(C) Capital Expenditures (\$000's)	(D) Principle Drawn In Quarter (\$000's)	(E) Principle Drawn To Date (\$000's)	(F) Interest Expense (\$000's)	(G) Origination Fees (\$000's)	(H) Commitment & Utilization Fee (\$000's)	(I) Net Cash Flows (\$000's) (D-F-G-H)
Prior to 11/2008		8,672						
11/15/2008	Q4	13,079		-	-			-
2/15/2009	Q1	18,143	19,947	19,947	-	75		19,872
5/15/2009	Q2	17,756	8,878	28,825	296			8,582
8/15/2009	Q3	24,818	12,409	41,234	428			11,981
11/15/2009	Q4	33,644	16,822	58,056	612			16,210
2/15/2010	Q1	33,686	16,843	74,899	862	4,075	296	11,611
5/15/2010	Q2	30,717	15,359	90,258	1,112		280	13,967
8/15/2010	Q3	39,142	19,571	109,829	1,339		265	17,966
11/15/2010	Q4	41,965	20,983	130,811	1,630		247	19,106
2/15/2011	Q1	52,638	26,319	157,130	1,941		227	24,150
5/15/2011	Q2	47,999	24,000	181,130	2,332		203	21,465
8/15/2011	Q3	61,165	30,583	211,712	2,688		180	27,714
11/15/2011	Q4	65,576	32,788	244,500	3,142		152	29,495
2/15/2012	Q1	29,076	14,538	259,038	3,628		121	10,789
5/15/2012	Q2	26,514	13,257	272,295	3,844		107	9,306
8/15/2012	Q3	33,786	16,893	289,188	4,041		95	12,757
11/15/2012	Q4	21,624	10,812	300,000	4,292		79	6,442
2/15/2013	Q1			300,000	4,452		69	(4,521)
5/15/2013	Q2			300,000	4,452		69	(4,521)
8/15/2013	Q3			300,000	4,452		69	(4,521)
11/15/2013	Q4			300,000	4,452		69	(4,521)
2/15/2014	Q1			300,000	4,452		69	(4,521)
5/15/2014	Q2			300,000	4,452		69	(4,521)
8/15/2014	Q3			300,000	4,452		69	(4,521)
11/15/2014	Q4			300,000	4,452		69	(4,521)
2/15/2015	Q1			300,000	4,452		-	(304,452)

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

² The IRR is a discount rate that makes the net present value of a series of cash flows equal to zero. The IRR equation can only be solved through iterations performed by a computer program (i.e. NPV function with goal seek in a spreadsheet program).

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	7.237%	\$ 21,333,422
<u>Other Long Term Debt:</u>							
6.600% Series Medium Term Notes Due 2021	\$ 200,000,000	\$1,800,000		-	\$198,200,000	6.734%	\$ 13,347,503
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>7.035%</u>	<u>\$ 34,680,924</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	7.237%	\$ 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	6.734%	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	7.237%	\$ 21,333,422
<u>Other Long Term Debt:</u>							
6.600% Series Medium Term Notes Due 2021	\$ 200,000,000	\$1,800,000		-	\$198,200,000	6.734%	\$ 13,347,503
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>7.035%</u>	<u>\$ 34,680,924</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	7.237%	\$ 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	6.734%	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
Example of Interest Rates and Interest Calculations
PATH West Virginia Transmission Company, LLC

Reconciliation Revenue Requirement For Year 2008 Available May 31, 2009 \$6,483,059	-	2008 Revenue Requirement Forecast by March 1, 2008 \$11,575,595	=	True-up Adjustment - Over (Under) Recovery \$5,092,536
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Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Monthly Interest Rate 0.4365%	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
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An over or under collection will be recovered prorata over 2008, held for 2009 and returned prorata over 2010

		\$			\$ Monthly	\$
Calculation of Interest						
January	Year 2008		0.4365%	12		
February	Year 2008		0.4365%	11		
March	Year 2008	509,254	0.4365%	10	(22,229)	(531,483)
April	Year 2008	509,254	0.4365%	9	(20,006)	(529,260)
May	Year 2008	509,254	0.4365%	8	(17,783)	(527,037)
June	Year 2008	509,254	0.4365%	7	(15,560)	(524,814)
July	Year 2008	509,254	0.4365%	6	(13,337)	(522,591)
August	Year 2008	509,254	0.4365%	5	(11,114)	(520,368)
September	Year 2008	509,254	0.4365%	4	(8,892)	(518,145)
October	Year 2008	509,254	0.4365%	3	(6,669)	(515,922)
November	Year 2008	509,254	0.4365%	2	(4,446)	(513,699)
December	Year 2008	509,254	0.4365%	1	(2,223)	(511,477)
					(122,259)	(5,214,795)
Annual						
January through December	Year 2009	(5,214,795)	0.4365%	12	(273,151)	(5,487,946)

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

					Monthly	
January	Year 2010	5,487,946	0.4365%		(23,955)	(5,041,493)
February	Year 2010	5,041,493	0.4365%		(22,006)	(4,593,091)
March	Year 2010	4,593,091	0.4365%		(20,049)	(4,142,732)
April	Year 2010	4,142,732	0.4365%		(18,083)	(3,690,407)
May	Year 2010	3,690,407	0.4365%		(16,109)	(3,236,108)
June	Year 2010	3,236,108	0.4365%		(14,126)	(2,779,825)
July	Year 2010	2,779,825	0.4365%		(12,134)	(2,321,551)
August	Year 2010	2,321,551	0.4365%		(10,134)	(1,861,277)
September	Year 2010	1,861,277	0.4365%		(8,124)	(1,398,993)
October	Year 2010	1,398,993	0.4365%		(6,107)	(934,692)
November	Year 2010	934,692	0.4365%		(4,080)	(468,364)
December	Year 2010	468,364	0.4365%		(2,044)	0
					(156,950)	

True-Up Adjustment with Interest	\$	(5,644,896)
Less Over (Under) Recovery	\$	5,092,536
Total Interest	\$	(552,360)

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

Reconciliation Revenue Requirement For Year 2008 Available May 31, 2009 \$2,131,722	-	2008 Revenue Requirement Forecast by March 1, 2008 \$2,864,460	=	True-up Adjustment - Over (Under) Recovery \$732,738
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Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
		0.4365%				
An over or under collection will be recovered prorata over 2008, held for 2009 and returned prorata over 2010						
		\$		\$		\$
<u>Calculation of Interest</u>				Monthly		
January	Year 2008		12			
February	Year 2008		11			
March	Year 2008	73,274	10	(3,198)		(76,472)
April	Year 2008	73,274	9	(2,879)		(76,152)
May	Year 2008	73,274	8	(2,559)		(75,833)
June	Year 2008	73,274	7	(2,239)		(75,513)
July	Year 2008	73,274	6	(1,919)		(75,193)
August	Year 2008	73,274	5	(1,599)		(74,873)
September	Year 2008	73,274	4	(1,279)		(74,553)
October	Year 2008	73,274	3	(960)		(74,233)
November	Year 2008	73,274	2	(640)		(73,913)
December	Year 2008	73,274	1	(320)		(73,594)
				(17,591)		(750,329)
				Annual		
January through December	Year 2009	(750,329)	12	(39,302)		(789,632)
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				Monthly		
January	Year 2010	789,632	12	(3,447)	67,685	(725,394)
February	Year 2010	725,394	11	(3,166)	67,685	(660,876)
March	Year 2010	660,876	10	(2,885)	67,685	(596,076)
April	Year 2010	596,076	9	(2,602)	67,685	(530,993)
May	Year 2010	530,993	8	(2,318)	67,685	(465,626)
June	Year 2010	465,626	7	(2,032)	67,685	(399,974)
July	Year 2010	399,974	6	(1,746)	67,685	(334,036)
August	Year 2010	334,036	5	(1,458)	67,685	(267,809)
September	Year 2010	267,809	4	(1,169)	67,685	(201,294)
October	Year 2010	201,294	3	(879)	67,685	(134,488)
November	Year 2010	134,488	2	(587)	67,685	(67,390)
December	Year 2010	67,390	1	(294)	67,685	0
				(22,583)		
True-Up Adjustment with Interest					\$ (812,214)	
Less Over (Under) Recovery					\$ 732,738	
Total Interest					\$ (79,476)	

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)
				Monthly		
January	Year 2014	142,937	0.5700%		(815)	(131,395)
February	Year 2014	131,395	0.5700%		(749)	(119,786)
March	Year 2014	119,786	0.5700%		(683)	(108,112)
April	Year 2014	108,112	0.5700%		(616)	(96,371)
May	Year 2014	96,371	0.5700%		(549)	(84,563)
June	Year 2014	84,563	0.5700%		(482)	(72,687)
July	Year 2014	72,687	0.5700%		(414)	(60,744)
August	Year 2014	60,744	0.5700%		(346)	(48,733)
September	Year 2014	48,733	0.5700%		(278)	(36,653)
October	Year 2014	36,653	0.5700%		(209)	(24,505)
November	Year 2014	24,505	0.5700%		(140)	(12,287)
December	Year 2014	12,287	0.5700%		(70)	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		0.5700%	12.00	(21,294)	(332,604)	
January through December	Year 2013	(311,310)	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)	(326,658)
February	Year 2014	326,658	0.5700%		(1,862)	(30,721)	(297,798)
March	Year 2014	297,798	0.5700%		(1,697)	(30,721)	(268,774)
April	Year 2014	268,774	0.5700%		(1,532)	(30,721)	(239,585)
May	Year 2014	239,585	0.5700%		(1,366)	(30,721)	(210,229)
June	Year 2014	210,229	0.5700%		(1,198)	(30,721)	(180,706)
July	Year 2014	180,706	0.5700%		(1,030)	(30,721)	(151,015)
August	Year 2014	151,015	0.5700%		(861)	(30,721)	(121,154)
September	Year 2014	121,154	0.5700%		(691)	(30,721)	(91,123)
October	Year 2014	91,123	0.5700%		(519)	(30,721)	(60,921)
November	Year 2014	60,921	0.5700%		(347)	(30,721)	(30,547)
December	Year 2014	30,547	0.5700%		(174)	(30,721)	0
					(13,303)		
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)	(101,851)
February	Year 2014	101,851	0.5700%		(581)	(9,579)	(92,853)
March	Year 2014	92,853	0.5700%		(529)	(9,579)	(83,803)
April	Year 2014	83,803	0.5700%		(478)	(9,579)	(74,702)
May	Year 2014	74,702	0.5700%		(426)	(9,579)	(65,549)
June	Year 2014	65,549	0.5700%		(374)	(9,579)	(56,344)
July	Year 2014	56,344	0.5700%		(321)	(9,579)	(47,086)
August	Year 2014	47,086	0.5700%		(268)	(9,579)	(37,776)
September	Year 2014	37,776	0.5700%		(215)	(9,579)	(28,412)
October	Year 2014	28,412	0.5700%		(162)	(9,579)	(18,995)
November	Year 2014	18,995	0.5700%		(108)	(9,579)	(9,525)
December	Year 2014	9,525	0.5700%		(54)	(9,579)	0
					(4,146)		
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

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	\$ 83
391	Office Furniture & Equipment	5.00	2,059
	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			\$ 2,142
Total General Plant Depreciation Expense (must tie to p336.10.b & c)			\$ 2,142
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.