

## **Appendix A**

**Comparison of Projected Transmission Revenue Requirement to the Actual Transmission Revenue Requirement  
For Year Ended December 31, 2009**

	<b>PATH West Virginia Transmission Company, LLC (PATH-WV) (1)</b>	<b>PATH Allegheny Transmission Company, LLC (PATH- Allegheny) (2)</b>		<b>Potomac-Appalachian Transmission Highline, LLC (3) = (1) + (2)</b>
2009 Actual ATRR	\$ 10,668,848.51	\$ 7,516,265.69	\$	18,185,114.21
2009 Projected ATRR	\$ 15,102,249.00	\$ 6,443,878.97	\$	21,546,127.96
<b>2009 True-Up</b>	\$ (4,433,400.48)	\$ 1,072,386.73	\$	<b>(3,361,013.75)</b>

## **Appendix B**

For the 12 months ended 12/31/2009

## 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	\$10,668,849 (A)	\$7,516,266 (B)	\$18,185,114
2 PJM Project No.			
3 b0490 & b0491	\$10,668,849 (C)		\$10,668,849
4 b0492 & b0560		\$7,516,266 (D)	\$7,516,266
5			
6 Total (Sum lines 3 to 5)	<u>\$10,668,849</u>	<u>\$7,516,266</u>	<u>\$18,185,114</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 12/31/2009

Line No.	(1)	(2)	(3)
			Allocated Amount
<u>1</u>	GROSS REVENUE REQUIREMENT (line 86)	12 months	<u>\$ 10,668,849</u>
REVENUE CREDITS			
2	Total Revenue Credits	<u>Total</u> 0	
3	True-up Adjustment with Interest	Attachment 1, line 12	<u>Allocator</u> TP 1.00000
4	Accelerated True-up Adjustment with Interest	Protocols 0	DA 1.00000
		0	DA 1.00000
5	NET REVENUE REQUIREMENT (Lines 1 minus line 2 plus line 3 plus line 4)		<u>\$ 10,668,849</u>

Formula Rate - Non-Levelized		Attachment A Rate Formula Template Utilizing FERC Form 1 Data			For the 12 months ended 12/31/2009	
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		
	<b>RATE BASE:</b>					
	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)	769,717	NP	1.00000	769,717
29	Account No. 190	(Attachment 4)	2,838,096	NP	1.00000	2,838,096
30	Account No. 255 (enter negative)	(Attachment 4)	-	NP	1.00000	-
31	CWIP	(Attachment 4)	15,622,784	DA	1.00000	15,622,784
32	Unamortized Regulatory Asset	(Attachment 4)	4,544,633	DA	1.00000	4,544,633
33	Unamortized Abandoned Plant	(Attachment 4)	-	DA	1.00000	-
34	TOTAL ADJUSTMENTS (sum lines 27-34)		23,774,865			23,774,865
35	LAND HELD FOR FUTURE USE	(Attachment 4)	4,696,975	TP	1.00000	4,696,975
	WORKING CAPITAL (Note C)					
37	CWC	calculated	742,861			742,861
38	Materials & Supplies (Note B)	(Attachment 4)	-	TE	1.00000	-
39	Prepayments (Account 165 - Note C)	(Attachment 4)	87,844	GP	1.00000	87,844
40	TOTAL WORKING CAPITAL (sum lines 38-40)		830,705			830,705
41	RATE BASE (sum lines 25, 35, 36, & 41)		29,302,544			29,302,544

Formula Rate - Non-Levelized

Attachment A  
Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2009

(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	1,438,334	TE 1.00000 1,438,334
45	Less Account 565	321.96.b	-	TE 1.00000 -
46	Less Account 566 (Misc Trans Expense)	Line 56	1,256,509	DA 1.00000 1,256,509
47	A&G	323.197.b	4,482,615	W/S 1.00000 4,482,615
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)	21,942	- 21,942
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	1,239,445	DA 1.00000 1,239,445
55	Miscellaneous Transmission Expense	Attachment 4	17,064	DA 1.00000 17,064
56	Total Account 566		1,256,509	1,256,509
57	TOTAL O&M (sum lines 44, 47, 49, 50, 51, 52, 56 less lines 45, 46 & 48)		5,942,891	5,942,891
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	229,713	GP 1.00000 229,713
72	Payments in lieu of taxes		-	GP 1.00000 -
73	TOTAL OTHER TAXES (sum lines 66-72)		229,713	229,713
74	INCOME TAXES (Note F)			
75	$T = 1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\} =$		40.53%	
76	$\text{CIT} = (T/1-T) * (1 - (\text{WCLTD}/R)) =$		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		1,427,578	NA 1.00000 1,427,578
82	ITC adjustment (line 79 * line 80)		0	NP -
83	Total Income Taxes (line 81 plus line 82)		1,427,578	1,427,578
84	RETURN			
85	[Rate Base (line 42) * Rate of Return (line 121)]		3,068,667	NA 3,068,667
86	REV. REQUIREMENT (sum lines 57, 63, 73, 83, 85)		10,668,849	10,668,849

Formula Rate - Non-Levelized

Attachment A  
Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2009

**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)						1,438,334	
96	Less transmission expenses included in OATT Ancillary Services (Note G)						0	
97	Included transmission expenses (line 95 less line 96)						1,438,334	
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	148,107	1.00	148,107			
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]		148,107		148,107	=	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 12/31/2009

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 12/31/2009

Line No.		(1)	(2)	(3)
1	GROSS REVENUE REQUIREMENT (line 86)		12 months	\$ 7,516,266
REVENUE CREDITS				
		<u>Total</u>	<u>Allocator</u>	
2	Total Revenue Credits	0	TP 1.00000	-
3	True-up Adjustment with Interest Protocols	0	DA 1.00000	-
4	Accelerated True-up Adjustment with Interest	0	DA 1.00000	-
5	NET REVENUE REQUIREMENT (Lines 1 minus line 2 plus line 3 plus line 4)			\$ <u>7,516,266</u>

Formula Rate - Non-Levelized

Attachment A  
Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2009

## PATH Allegheny Transmission Company, LLC

Line No.	(1)	(2)		(3)		(4)		(5)	
		Form No. 1 Page, Line, Col.	Company Total	Company Total	Allocator	Allocator	Transmission (Col 3 times Col 4)	Transmission (Col 3 times Col 4)	
		<b>RATE BASE:</b>							
		<b>GROSS PLANT IN SERVICE</b>							
6		Production (Attachment 4)	-	-	NA	0.00000	-	-	-
7		Transmission (Attachment 4)	10,547,385	10,547,385	TP	1.00000	10,547,385	10,547,385	10,547,385
8		Distribution (Attachment 4)	-	-	NA	0.00000	-	-	-
9		General & Intangible (Attachment 4)	29,068	29,068	W/S	1.00000	29,068	29,068	29,068
10		Common (Attachment 4)	-	-	CE	1.00000	-	-	-
11		TOTAL GROSS PLANT (sum lines 6-10) (GP=1 if plant =0)	10,576,453	10,576,453	GP=	1.00000	10,576,453	10,576,453	10,576,453
		<b>ACCUMULATED DEPRECIATION</b>							
12		Production (Attachment 4)	-	-	NA	0.00000	-	-	-
13		Transmission (Attachment 4)	53	53	TP	1.00000	53	53	53
14		Distribution (Attachment 4)	-	-	NA	0.00000	-	-	-
15		General & Intangible (Attachment 4)	438	438	W/S	1.00000	438	438	438
16		Common (Attachment 4)	-	-	CE	1.00000	-	-	-
17		TOTAL ACCUM. DEPRECIATION (sum lines 13-17)	491	491			491	491	491
		<b>NET PLANT IN SERVICE</b>							
19		Production (line 6- line 13)	-	-			-	-	-
20		Transmission (line 7- line 14)	10,547,332	10,547,332			10,547,332	10,547,332	10,547,332
21		Distribution (line 8- line 15)	-	-			-	-	-
22		General & Intangible (line 9- line 16)	28,630	28,630			28,630	28,630	28,630
23		Common (line 10- line 17)	-	-			-	-	-
24		TOTAL NET PLANT (sum lines 20-24) (NP=1 if plant =0)	10,575,962	10,575,962	NP=	1.0000	10,575,962	10,575,962	10,575,962
		<b>ADJUSTMENTS TO RATE BASE (Note A)</b>							
26		Account No. 281 (enter negative) (Attachment 4)	-	-	NA	0.00000	-	-	-
27		Account No. 282 (enter negative) (Attachment 4)	(191,264)	(191,264)	NP	1.00000	(191,264)	(191,264)	(191,264)
28		Account No. 283 (enter negative) (Attachment 4)	(152,559)	(152,559)	NP	1.00000	(152,559)	(152,559)	(152,559)
29		Account No. 190 (Attachment 4)	461,606	461,606	NP	1.00000	461,606	461,606	461,606
30		Account No. 255 (enter negative) (Attachment 4)	-	-	NP	1.00000	-	-	-
31		CWIP (Attachment 4)	17,568,995	17,568,995	DA	1.00000	17,568,995	17,568,995	17,568,995
32		Unamortized Regulatory Asset (Attachment 4)	686,635	686,635	DA	1.00000	686,635	686,635	686,635
33		Unamortized Abandoned Plant (Attachment 4)	-	-	DA	1.00000	-	-	-
34		TOTAL ADJUSTMENTS (sum lines 27-34)	18,373,413	18,373,413			18,373,413	18,373,413	18,373,413
35		LAND HELD FOR FUTURE USE (Attachment 4)	-	-	TP	1.00000	-	-	-
		<b>WORKING CAPITAL (Note C)</b>							
37		CWC (Attachment 4)	355,588	355,588			355,588	355,588	355,588
38		Materials & Supplies (Note B) (Attachment 4)	-	-	TE	1.00000	-	-	-
39		Prepayments (Account 165 - Note C) (Attachment 4)	9,491	9,491	GP	1.00000	9,491	9,491	9,491
40		TOTAL WORKING CAPITAL (sum lines 38-40)	365,079	365,079			365,079	365,079	365,079
41		TOTAL WORKING CAPITAL (sum lines 38-40)	365,079	365,079			365,079	365,079	365,079
42		RATE BASE (sum lines 25, 35, 36, & 41)	29,314,454	29,314,454			29,314,454	29,314,454	29,314,454

Formula Rate - Non-Levelized

Attachment A  
Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2009

(1)	(2)	(3)	(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 216,863	TE 1.00000	216,863
45	Less Account 565	321.96.b -	TE 1.00000	-
46	Less Account 566	Line 56 191,767	DA 1.00000	191,767
47	A&G	323.197.b 2,627,448	W/S 1.00000	2,627,448
48	Less EPRI & Reg. Comm. Exp. & Other Ad.	(Note D & Attach 4) 54,188	DA 1.00000	54,188
49	Plus Transmission Related Reg. Comm. Exp.	(Note D & Attach 4) 54,188	TE 1.00000	54,188
50	PBOP Expense adjustment	(Attachment 4) 394		394
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 4,503	DA 1.00000	4,503
56	Total Account 566	191,767		191,767
57	TOTAL O&M (sum lines 44, 47, 49, 50, 51, 52, 56 less lines 45,46, 48)	2,844,705		2,844,705
58	DEPRECIATION EXPENSE			
59	Transmission	336.7.b & c 693	TP 1.00000	693
60	General and Intangible	336.1.d&e + 336.10.b.c.d&e 875	W/S 1.00000	875
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)	1,568		1,568
64	TAXES OTHER THAN INCOME TAXES (Note E)			
65	LABOR RELATED			
66	Payroll	263i 118,524	W/S 1.00000	118,524
67	Highway and vehicle	263i -	W/S 1.00000	-
68	PLANT RELATED			
69	Property	263i 29,257	GP 1.00000	29,257
70	Gross Receipts	263i -	NA 0.00000	-
71	Other	263i 4,834	GP 1.00000	4,834
72	Payments in lieu of taxes	-	GP 1.00000	-
73	TOTAL OTHER TAXES (sum lines 66-72)	152,615		152,615
74	INCOME TAXES	(Note F)		
75	$T=1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\} =$	40.57%		
76	$\text{CIT}=(T/1-T) * (1-(\text{WCLTD}/\text{R})) =$	46.37%		
77	where WCLTD=(line 118) and R= (line 121)			
78	and FIT, SIT & p are as given in footnote F.			
79	$1 / (1 - T) = (T \text{ from line 75})$	1.6827		
80	Amortized Investment Tax Credit (266.8f) (enter negative)	0		
81	Income Tax Calculation = line 76 * line 85	1,431,030	NA	1,431,030
82	ITC adjustment (line 79 * line 80)	0	NP 1.00000	-
83	Total Income Taxes (line 81 plus line 82)	1,431,030		1,431,030
84	RETURN			
85	[ Rate Base (line 42) * Rate of Return (line 121)]	3,086,347	NA	3,086,347
86	REV. REQUIREMENT (sum lines 57, 63, 73, 83, 85)	7,516,266		7,516,266

Formula Rate - Non-Levelized

Attachment A  
Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2009

**PATH Allegheny Transmission Company, LLC  
SUPPORTING CALCULATIONS AND NOTES**

87 TRANSMISSION PLANT INCLUDED IN ISO RATES

88	Total transmission plant (line 7, column 3)	10,547,385
89	Less transmission plant excluded from ISO rates (Note H)	0
90	<u>Less transmission plant included in OATT Ancillary Services (Note H)</u>	<u>0</u>
91	Transmission plant included in ISO rates (line 88 less lines 89 & 90)	10,547,385

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)	216,863
96	<u>Less transmission expenses included in OATT Ancillary Services (Note G)</u>	<u>0</u>
97	Included transmission expenses (line 95 less line 96)	216,863

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	9,322	1.00	9,322	
105	Distribution	354.23.b	0			
106	Other	354.24,25,26.b	0	1.00	0	W&S Allocator (\$ / Allocation)
107	Total (sum lines 103-106) [TP equals 1 if there are no wages & salaries]		9,322		9,322	= 1.00000 = WS

108 COMMON PLANT ALLOCATOR (CE) (Note I)

		\$	% 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%	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 12/31/2009

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=  | 8.57% (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 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 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)	19,551,345
4	Sum	(sum lines 2 & 3)	<u>19,551,345</u>
5	Average Balance of Transmission Investment	(line 4/2)	9,775,673
6	Depreciation Expense	Rate Formula Template	<u>693</u>
7	Composite Depreciation Rate	(line 6/ line 5)	0.01%
8	Depreciable Life for Composite Depreciation Rate	(1/line 7)	14,106.31
9	Round line 8 to nearest whole year		14,106

**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	<b>Calculation of Transmission Plant In Service</b>	Source		
2	December	p206.58.b	2008	-
3	January	company records	2009	-
4	February	company records	2009	-
5	March	company records	2009	-
6	April	company records	2009	-
7	May	company records	2009	-
8	June	company records	2009	-
9	July	company records	2009	-
10	August	company records	2009	-
11	September	company records	2009	-
12	October	company records	2009	-
13	November	company records	2009	-
14	December	p207.58.g	2009	-
15	<b>Transmission Plant In Service</b>	(sum lines 2-14) /13		-
16	<b>Calculation of Distribution Plant In Service</b>	Source		
17	December	p206.75.b	2008	-
18	January	company records	2009	-
19	February	company records	2009	-
20	March	company records	2009	-
21	April	company records	2009	-
22	May	company records	2009	-
23	June	company records	2009	-
24	July	company records	2009	-
25	August	company records	2009	-
26	September	company records	2009	-
27	October	company records	2009	-
28	November	company records	2009	-
29	December	p207.75.g	2009	-
30	<b>Distribution Plant In Service</b>	(sum lines 17-29) /13		-
31	<b>Calculation of Intangible Plant In Service</b>	Source		
32	December	p204.5.b	2008	-
33	December	p205.5.g	2009	-
34	<b>Intangible Plant In Service</b>	(sum lines 32 & 33) /2		-
35	<b>Calculation of General Plant In Service</b>	Source		
36	December	p206.99.b	2008	-
37	December	p207.99.g	2009	-
38	<b>General Plant In Service</b>	(sum lines 36 & 37) /2		-
39	<b>Calculation of Production Plant In Service</b>	Source		
40	December	p204.46b	2008	-
41	January	company records	2009	-
42	February	company records	2009	-
43	March	company records	2009	-
44	April	company records	2009	-
45	May	company records	2009	-
46	March	Attachment 6	2009	-
47	April	company records	2009	-
48	August	company records	2009	-
49	September	company records	2009	-
50	October	company records	2009	-
51	November	company records	2009	-
52	December	p205.46.g	2009	-
53	<b>Production Plant In Service</b>	(sum lines 40-52) /13		-

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

54	<b>Calculation of Common Plant In Service</b>	Source	Year	Balance
55	December (Electric Portion)	p356	2008	-
56	December (Electric Portion)	p356	2009	-
57	<b>Common Plant In Service</b>	(sum lines 55 & 56) /2		-
58	<b>Total Plant In Service</b>	(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	<b>Calculation of Transmission Accumulated Depreciation</b>	Source	Year	Balance	
60	December	Prior year p219.25	2008	-	
61	January	company records	2009	-	
62	February	company records	2009	-	
63	March	company records	2009	-	
64	April	company records	2009	-	
65	May	company records	2009	-	
66	June	company records	2009	-	
67	July	company records	2009	-	
68	August	company records	2009	-	
69	September	company records	2009	-	
70	October	company records	2009	-	
71	November	company records	2009	-	
72	December	p219.25	2009	-	
73	<b>Transmission Accumulated Depreciation</b>	(sum lines 60-72) /13		-	
74	<b>Calculation of Distribution Accumulated Depreciation</b>	Source	Year	Balance	
75	December	Prior year p219.26	2008	-	
76	January	company records	2009	-	
77	February	company records	2009	-	
78	March	company records	2009	-	
79	April	company records	2009	-	
80	May	company records	2009	-	
81	June	company records	2009	-	
82	July	company records	2009	-	
83	August	company records	2009	-	
84	September	company records	2009	-	
85	October	company records	2009	-	
86	November	company records	2009	-	
87	December	p219.26	2009	-	
88	<b>Distribution Accumulated Depreciation</b>	(sum lines 75-87) /13		-	
89	<b>Calculation of Intangible Accumulated Depreciation</b>	Source	Year	Balance	
90	December	Prior year p200.21.c	2008	-	
91	December	p200.21c	2009	-	
92	<b>Accumulated Intangible Depreciation</b>	(sum lines 90 & 91) /2		-	
93	<b>Calculation of General Accumulated Depreciation</b>	Source	Year	Balance	
94	December	Prior year p219.28	2008	-	
95	December	p219.28	2009	-	
96	<b>Accumulated General Depreciation</b>	(sum lines 94 & 95) /2		-	

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

	Source	Year	Balance
97	<b>Calculation of Production Accumulated Depreciation</b>		
98	Prior year p219	2008	-
99	company records	2009	-
100	February	2009	-
101	March	2009	-
102	April	2009	-
103	May	2009	-
104	June	2009	-
105	July	2009	-
106	August	2009	-
107	September	2009	-
108	October	2009	-
109	November	2009	-
110	December	p219.20 thru 219.24	2009
111	<b>Production Accumulated Depreciation</b>	(sum lines 98-110) /13	-
112	<b>Calculation of Common Accumulated Depreciation</b>		
113	December (Electric Portion)	p356	2008
114	December (Electric Portion)	p356	2009
115	<b>Common Plant Accumulated Depreciation (Electric Only)</b>	(sum lines 113 & 114) /2	-
116	<b>Total Accumulated Depreciation</b>	(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
119	Account No. 283 (enter negative)	277.9.k	535,165	769,717
120	Account No. 190	234.8.c	1,954,367	2,838,096
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	88,152	87,844

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

	Source				Amos Substation Upgrade	Amos to Midpoint Line	Midpoint Substation and SVC	Midpoint to Interconnection with PATH Allegheny	Total
124	<b>Calculation of Transmission CWIP</b>								
125	December	216.b	2007	\$ 7,416,105	522,894.54	6,893,210.75	-	-	7,416,105.29
126	January	company records	2008	8,037,032	539,147.65	7,400,331.92	957.64	96,594.51	8,037,031.72
127	February	company records	2008	8,877,326	561,568.94	8,087,174.33	1,161.18	227,421.64	8,877,326.09
128	March	company records	2008	9,742,879	577,450.44	8,800,840.60	1,230.15	363,358.07	9,742,879.26
129	April	company records	2008	11,358,429	602,754.10	9,922,372.64	218,033.16	615,268.93	11,358,428.83
130	May	company records	2008	13,095,921	649,789.34	11,119,975.41	444,487.21	881,669.46	13,095,921.42
131	June	company records	2008	14,912,984	748,196.93	12,548,864.93	462,083.25	1,153,838.89	14,912,984.00
132	July	company records	2008	16,838,234	872,912.73	14,027,214.71	502,676.81	1,435,429.33	16,838,233.58
133	August	company records	2008	18,478,913	934,081.17	15,369,907.34	483,743.98	1,691,180.31	18,478,912.80
134	September	company records	2008	20,287,550	816,954.02	7,979,601.88	9,494,739.18	1,996,255.19	20,287,550.27
135	October	company records	2008	22,884,235	828,635.51	9,438,898.82	9,519,547.59	3,097,152.98	22,884,234.90
136	November	company records	2008	24,782,957	859,075.56	10,953,354.43	9,584,906.72	3,385,620.71	24,782,957.42
137	December	216.b	2008	26,383,626	890,930.03	12,242,480.10	9,619,047.74	3,631,168.46	26,383,626.33
138	<b>Transmission CWIP</b>	(sum lines 125-137) /13		15,622,784	723,414.69	10,368,017.53	3,102,508.82	1,428,842.96	15,622,783.99

**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	-	9,393,949	4,696,975	
			Non-transmission Related	-	-		
			Transmission Related	-	9,393,949	4,696,975	

**EPRI Dues Cost Support**

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				EPRI Dues	Common Expenses	Details
<b>Allocated General &amp; Common Expenses</b>						
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
141	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
<b>Directly Assigned A&amp;G</b>							
142	General Advertising Exp Account 930.1	p323.191.b		1,718,419	1,718,419	-	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
<b>Income Tax Rates</b>							
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	<b>Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities</b> Excluded Transmission Facilities	-	<b>General Description of the Facilities</b>
	Instructions:	<b>Enter \$</b>	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:	<b>Or</b>	
	<b>Example</b>	<b>Enter \$</b>	
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				Reference FERC Form 1 page 232 for details. Uncapitalized costs as of date the rates become effective As approved by FERC
149	Beginning Balance of Regulatory Asset	p111.72.d (and notes)	5,164,355	Number of months rates are in effect during the calendar year
150	Months Remaining in Amortization Period		50	
151	Monthly Amortization	(line 149 - line 153) / 152	103,287	
152	Months in Year to be amortized		12	
153	Ending Balance of Regulatory Asset	p111.72.c	3,924,910	
154	Average Balance of Regulatory Asset	(line 149 + line 153)/2	4,544,633	



**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				
156	Year	Debt	Preferred Stock	Common Stock	
157	January	2009	0	-	0
158	February	2009	-	-	-
159	March	2009	-	-	-
160	April	2009	-	-	-
161	May	2009	-	-	-
162	June	2009	-	-	-
163	July	2009	-	-	-
164	August	2009	-	-	-
165	September	2009	-	-	-
166	October	2009	-	-	-
167	November	2009	-	-	-
168	December	2009	-	-	-
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
170	Amortization Expense on Regulatory Asset	1,239,445.00
171	Miscellaneous Transmission Expense	17,064.00
172	Total Account 566	1,256,509.00

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	<b><u>PATH-WV - AEP Employees</u></b>	
175	Total PBOP expenses	\$117,254,159
176	Amount relating to retired personnel	\$0
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	477,334
181	PATH WV PBOP Expense for current year	\$48,586
182	PATH WV PBOP Expense in Account 926 for current year	\$26,509
183	PBOP Adjustment for Appendix A, Line 50	\$22,077
184	Lines 175-179 cannot change absent approval or acceptance by FERC in a separate proceeding.	
184	<b><u>PATH-WV - Allegheny Employees</u></b>	
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	1,805
191	PATH WV PBOP Expense for current year	\$5,676
192	PATH WV PBOP Expense in Account 926 for current year	\$5,812
193	PBOP Adjustment for Appendix A, Line 50	-\$136
194	Lines 185-189 cannot change absent approval or acceptance by FERC in a separate proceeding.	

195	PBOP Expense adjustment	(sum lines 183 & 193)	\$21,942
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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	<b>Calculation of Transmission Plant In Service</b>	Source	Year	Balance
2	December	p206.58.b	2008	-
3	January	company records	2009	6,904,228
4	February	company records	2009	6,904,228
5	March	company records	2009	6,904,228
6	April	company records	2009	6,904,228
7	May	company records	2009	9,483,932
8	June	company records	2009	9,925,525
9	July	company records	2009	9,925,525
10	August	company records	2009	9,925,525
11	September	company records	2009	16,243,196
12	October	company records	2009	17,199,491
13	November	company records	2009	17,244,561
14	December	p207.58.g	2009	19,551,345
15	<b>Transmission Plant In Service</b>	(sum lines 2-14) /13		10,547,385
16	<b>Calculation of Distribution Plant In Service</b>	Source		
17	December	p206.75.b	2008	-
18	January	company records	2009	-
19	February	company records	2009	-
20	March	company records	2009	-
21	April	company records	2009	-
22	May	company records	2009	-
23	June	company records	2009	-
24	July	company records	2009	-
25	August	company records	2009	-
26	September	company records	2009	-
27	October	company records	2009	-
28	November	company records	2009	-
29	December	p207.75.g	2009	-
30	<b>Distribution Plant In Service</b>	(sum lines 17-29) /13		-
31	<b>Calculation of Intangible Plant In Service</b>	Source		
32	December	p204.5b	2008	-
33	December	p205.5.g	2009	-
34	<b>Intangible Plant In Service</b>	(sum lines 32 & 33) /2		-
35	<b>Calculation of General Plant In Service</b>	Source		
36	December	p206.99.b	2008	-
37	December	p207.99.g	2009	58,135
38	<b>General Plant In Service</b>	(sum lines 36 & 37) /2		29,068
39	<b>Calculation of Production Plant In Service</b>	Source		
40	December	p204.46b	2008	-
41	January	company records	2009	-
42	February	company records	2009	-
43	March	company records	2009	-
44	April	company records	2009	-
45	May	company records	2009	-
46	March	Attachment 6	2009	-
47	April	company records	2009	-
48	August	company records	2009	-
49	September	company records	2009	-
50	October	company records	2009	-
51	November	company records	2009	-
52	December	p205.46.g	2009	-
53	<b>Production Plant In Service</b>	(sum lines 40-52) /13		-





	A	B	C	D	E	F	G	H	I	J	K	L	M
166	<b>Attachment 4 - Cost Support</b>												
167	<b>PATH Allegheny Transmission Company, LLC</b>												
168													
169													
170													
171	124		<b>Calculation of Transmission CWIP</b>	Source									
172	125	December		216.b	2008	\$	14,005,951	7,752,150	4,796,428	1,457,373	14,005,951		
173	126	January		company records	2009		7,909,720	943,287	5,360,069	1,606,363	7,909,720		
174	127	February		company records	2009		9,572,054	1,047,460	6,781,258	1,743,336	9,572,054		
175	128	March		company records	2009		12,421,365	1,175,951	9,369,622	1,875,792	12,421,365		
176	129	April		company records	2009		16,633,715	1,450,650	13,013,626	2,169,439	16,633,715		
177	130	May		company records	2009		15,885,562	1,788,163	11,833,162	2,264,237	15,885,562		
178	131	June		company records	2009		17,204,739	2,224,272	12,671,694	2,308,774	17,204,739		
179	132	July		company records	2009		18,548,279	2,417,134	13,706,397	2,424,748	18,548,279		
180	133	August		company records	2009		20,152,195	2,858,814	14,717,266	2,576,115	20,152,195		
181	134	September		company records	2009		21,499,978	3,190,055	15,846,213	2,463,710	21,499,978		
182	135	October		company records	2009		23,104,296	3,591,386	16,959,761	2,553,149	23,104,296		
183	136	November		company records	2009		25,643,138	3,874,522	19,131,749	2,636,867	25,643,138		
184	137	December		216.b	2009		25,815,936	4,289,899	18,812,890	2,713,146	25,815,936		
185	138		<b>Transmission CWIP</b>	(sum lines 125-137) /13			17,568,995	2,815,673	12,538,472	2,214,850	17,568,995		
186													
187													
188													
189													
190	<b>LAND HELD FOR FUTURE USE</b>												
191	<b>Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions</b>							<b>Beg of year      End of Year      Average      Details</b>					
192	139	<b>LAND HELD FOR FUTURE USE</b>			p214	Total	-	-	-	-	-	-	-
193						Non-transmission Related	-	-	-	-	-	-	-
194						Transmission Related	-	-	-	-	-	-	-
195													
196													
197	<b>EPRI Dues Cost Support</b>												
198	<b>Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions</b>							<b>Details</b>					
199	<b>Allocated General &amp; Common Expenses</b>												
200					<b>EPRI Dues</b>	<b>Common Expenses</b>	<b>EPRI Dues</b>	<b>Common Expenses</b>					
201	140	<b>EPRI Dues &amp; Common Expenses</b>			p352-353	p356	-	-					
202													
203	<b>Regulatory Expense Related to Transmission Cost Support</b>												
204	<b>Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions</b>							<b>Transmission      Non-      Details</b>					
205	<b>Directly Assigned A&amp;G</b>							<b>Form 1 Amount      Related      transmission</b>					
206	141	<b>Regulatory Commission Exp Account 928</b>			p323.189.b		54,188	54,188	-				
207													

	A	B	C	D	E	F	G	H	I	J	K	L	M
208	<b>Attachment 4 - Cost Support</b>												
209	<b>PATH Allegheny Transmission Company, LLC</b>												
210													
211													
212	<b>Safety Related Advertising, Education and Out Reach Cost Support</b>												
213	<b>Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions</b>							<b>Safety, Education, Siting &amp; Outreach</b>					
214	<b>Directly Assigned A&amp;G</b>							<b>Form 1 Amount</b>	<b>Related</b>	<b>Other</b>	<b>Details</b>		
215	142	General Advertising Exp Account 930.1			p323.191.b		386,506	386,506	-	None			
216													
217	<b>Multi-state Workpaper</b>												
218	<b>Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions</b>							<b>State 1</b>	<b>State 2</b>	<b>State 3</b>	<b>State 4</b>	<b>State 5</b>	<b>Weighed Average</b>
219	<b>Income Tax Rates</b>							<b>MD</b>	<b>WV</b>	<b>VA</b>			
220								<b>8.250%</b>	<b>8.500%</b>	<b>6.000%</b>	<b>8.575%</b>		
221	143	SIT=State Income Tax Rate or Composite											
222													
223													
224	<b>Excluded Plant Cost Support</b>												
225	<b>Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions</b>							<b>Excluded Transmission Facilities</b>		<b>Description of the Facilities</b>			
226	<b>Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities</b>									<b>General Description of the Facilities</b>			
227	144	Excluded Transmission Facilities					-		None				
228	Instructions:							<b>Enter \$</b>					
229	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.							-					
230	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:							<b>Or</b>					
231	<b>Example</b>							<b>Enter \$</b>					
232	A Total investment in substation							-					
233	B Identifiable investment in Transmission (provide workpapers)							-					
234	C Identifiable investment in Distribution (provide workpapers)							-					
235	D Amount to be excluded (A x (C / (B + C)))							-					
236								-					
237										<b>Add more lines if necessary</b>			
238													
239													
240													
241	<b>Materials &amp; Supplies</b>												
242	<b>Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions</b>							<b>Beg of year</b>	<b>End of Year</b>	<b>Average</b>			
243													
244	145	Assigned to O&M			p227.6		-	-	-				
245	146	Stores Expense Undistributed			p227.16		-	-	-				
246	147	Undistributed Stores Exp					-	-	-				
247													
248	148	Transmission Materials & Supplies			p227.8		-	-	-				
249													
250													
251	<b>Regulatory Asset</b>												
252	<b>Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions</b>												
253								Reference FERC Form 1 page 232 for details.					
254	149	Beginning Balance of Regulatory Asset			p111.72.d (and notes)		780,267	Uncapitalized costs as of date the rates become effective					
255	150	Months Remaining in Amortization Period					50	As approved by FERC					
256	151	Monthly Amortization			(line 149 - line 153) / 152		15,605						
257	152	Months in Year to be Amortized					12	Number of months rates are in effect during the calendar year					
258	153	Ending Balance of Regulatory Asset			p111.72.c		593,003						
259	154	Average Balance of Regulatory Asset			(line 149 + line 153)/2		686,635						



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

New Plant Carrying Charge

Formula Line	Item	
5	NET REVENUE REQUIREMENT	10,668,849
21	NET TRANSMISSION PLANT IN SERVICE	-
32	CWIP	15,622,784
<b>Carrying charge (line 3/sum of lines 4 and 5)</b>		<b>0.68290</b>

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

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

		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	Totals
Schedule 12	(Yes or No)	Yes	Yes	Yes		Yes	
FCR for This Project		68.3%	68.3%	68.3%	68.3%	68.3%	
Investment		723,415	10,368,018	3,102,509	1,428,843	-	15,622,784
<b>Revenue Requirement</b>		494,022.18	7,080,351.90	2,118,713.07	975,761.37	-	10,668,849

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"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.

**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	7,516,266
21	NET TRANSMISSION PLANT IN SERVICE	10,547,332
32	CWIP	17,568,995
<b>Carrying charge (line 3/sum of lines 4 and 5)</b>		<b>0.26733</b>

(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:**

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"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	Kempton Substation - CWIP	Kempton to Interconnection with PATH West Virginia - CWIP	Welton Spring Substation and SVC - CWIP	Transmission Plant In Service	Totals
Schedule 12 (Yes or No)	Yes	Yes	Yes	Yes	
FCR for This Project	26.7%	26.7%	26.7%	26.7%	
Investment	2,815,673	12,538,472	2,214,850	10,547,332	28,116,327
<b>Revenue Requirement</b>	752,706.53	3,351,877.66	592,090.18	2,819,591.32	7,516,265.69

## 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.

<b>Total Loan Amount</b>	<b>\$ 600,000,000</b>
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**Internal Rate of Return<sup>1</sup>** 6.64%

Based on following Financial Formula<sup>2</sup>:

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

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

	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%
<b>Interest Rate</b>	<b>5.94%</b>	<b>5.94%</b>	<b>5.94%</b>	<b>5.94%</b>	<b>5.94%</b>	<b>5.94%</b>	<b>5.94%</b>

(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)

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

<sup>2</sup> 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.

<b>Total Loan Amount</b>	<b>\$ 300,000,000</b>
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<b>Internal Rate of Return<sup>1</sup></b>	<b>6.76%</b>
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Based on following Financial Formula<sup>2</sup>:

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

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

	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)

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

<sup>2</sup> 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 <sup>1</sup>	Annualized Cost
<b>Debt:</b>							
<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>

<sup>1</sup> 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 <sup>1</sup>	Annualized Cost
<b>Debt:</b>							
<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>	<b>7.035%</b>	<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	\$ 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>

<sup>1</sup> 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**

Hypothetical Actual Revenue Requirement For Year 2009 Available May 31, 2010 \$16,000,000	-	Hypothetical 2009 Revenue Requirement Forecast by Sept 1, 2008 \$15,000,000	=	True-up Adjustment - Over (Under) Recovery (\$1,000,000)
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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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An over or under collection will be recovered prorata over 2009, held for 2010 and returned prorata over 2011

<u>Calculation of Interest</u>					<u>Monthly</u>	
January	Year 2009	(83,333)	0.5500%	12	5,500	88,833
February	Year 2009	(83,333)	0.5500%	11	5,042	88,375
March	Year 2009	(83,333)	0.5500%	10	4,583	87,917
April	Year 2009	(83,333)	0.5500%	9	4,125	87,458
May	Year 2009	(83,333)	0.5500%	8	3,667	87,000
June	Year 2009	(83,333)	0.5500%	7	3,208	86,542
July	Year 2009	(83,333)	0.5500%	6	2,750	86,083
August	Year 2009	(83,333)	0.5500%	5	2,292	85,625
September	Year 2009	(83,333)	0.5500%	4	1,833	85,167
October	Year 2009	(83,333)	0.5500%	3	1,375	84,708
November	Year 2009	(83,333)	0.5500%	2	917	84,250
December	Year 2009	(83,333)	0.5500%	1	458	83,792
					35,750	1,035,750
January through December	Year 2010	1,035,750	0.5500%	12	68,360	1,104,110
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>					<u>Monthly</u>	
January	Year 2011	(1,104,110)	0.5500%		6,073	1,014,851
February	Year 2011	(1,014,851)	0.5500%		5,582	925,101
March	Year 2011	(925,101)	0.5500%		5,088	834,857
April	Year 2011	(834,857)	0.5500%		4,592	744,117
May	Year 2011	(744,117)	0.5500%		4,093	652,879
June	Year 2011	(652,879)	0.5500%		3,591	561,138
July	Year 2011	(561,138)	0.5500%		3,086	468,893
August	Year 2011	(468,893)	0.5500%		2,579	376,140
September	Year 2011	(376,140)	0.5500%		2,069	282,877
October	Year 2011	(282,877)	0.5500%		1,556	189,102
November	Year 2011	(189,102)	0.5500%		1,040	94,810
December	Year 2011	(94,810)	0.5500%		521	0
					39,869	
True-Up Adjustment with Interest					\$	1,143,978
Less Over (Under) Recovery					\$	(1,000,000)
Total Interest					\$	143,978

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

Hypothetical Actual Revenue Requirement For Year 2009 Available May 31, 2010  \$16,000,000	-	Hypothetical 2009 Revenue Requirement Forecast by Sept 1, 2008  \$15,000,000	=	True-up Adjustment - Over (Under) Recovery  (\$1,000,000)
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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
		0.5500%				

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

<u>Calculation of Interest</u>						
				<b>Monthly</b>		
January	Year 2009	(83,333)	0.5500%	12	5,500	88,833
February	Year 2009	(83,333)	0.5500%	11	5,042	88,375
March	Year 2009	(83,333)	0.5500%	10	4,583	87,917
April	Year 2009	(83,333)	0.5500%	9	4,125	87,458
May	Year 2009	(83,333)	0.5500%	8	3,667	87,000
June	Year 2009	(83,333)	0.5500%	7	3,208	86,542
July	Year 2009	(83,333)	0.5500%	6	2,750	86,083
August	Year 2009	(83,333)	0.5500%	5	2,292	85,625
September	Year 2009	(83,333)	0.5500%	4	1,833	85,167
October	Year 2009	(83,333)	0.5500%	3	1,375	84,708
November	Year 2009	(83,333)	0.5500%	2	917	84,250
December	Year 2009	(83,333)	0.5500%	1	458	83,792
					<u>35,750</u>	<b>1,035,750</b>
				<b>Annual</b>		
January through December	Year 2010	1,035,750	0.5500%	12	68,360	<b>1,104,110</b>
				<b>Monthly</b>		
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>						
January	Year 2011	<b>(1,104,110)</b>	0.5500%		6,073	(95,332)
February	Year 2011	(1,014,851)	0.5500%		5,582	(95,332)
March	Year 2011	(925,101)	0.5500%		5,088	(95,332)
April	Year 2011	(834,857)	0.5500%		4,592	(95,332)
May	Year 2011	(744,117)	0.5500%		4,093	(95,332)
June	Year 2011	(652,879)	0.5500%		3,591	(95,332)
July	Year 2011	(561,138)	0.5500%		3,086	(95,332)
August	Year 2011	(468,893)	0.5500%		2,579	(95,332)
September	Year 2011	(376,140)	0.5500%		2,069	(95,332)
October	Year 2011	(282,877)	0.5500%		1,556	(95,332)
November	Year 2011	(189,102)	0.5500%		1,040	(95,332)
December	Year 2011	(94,810)	0.5500%		521	(95,332)
					<u>39,869</u>	0
True-Up Adjustment with Interest					\$ 1,143,978	
Less Over (Under) Recovery					\$ (1,000,000)	
Total Interest					\$ 143,978	

**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**

<b>Calculation of Interest for 2009 True-Up Period</b>							
An over or under collection will be recovered prorata over 2009, held for 2010, 2011, 2012, 2013 and returned prorata over 2014							
						<b>Monthly</b>	
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	
						<b>Annual</b>	
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	
<b>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</b>							
						<b>Monthly</b>	
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

<b>Calculation of Interest for 2010 True-Up Period</b>							
An over or under collection will be recovered prorata over 2010, held for 2011, 2012, 2013 and returned prorata over 2014							
						<b>Monthly</b>	
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)	
						<b>Annual</b>	
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)	
<b>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</b>							
						<b>Monthly</b>	
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**

<b>Calculation of Interest for 2011 True-Up Period</b>							
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)	<b>(311,310)</b>	
						Annual	
January through December	Year 2012	(311,310)	0.5700%	12.00	(21,294)	<b>(332,604)</b>	
January through December	Year 2013	(332,604)	0.5700%	12.00	(22,750)	<b>(355,354)</b>	
<b>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</b>							
						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)	

<b>Calculation of Interest for 2012 True-Up Period</b>							
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)	<b>(103,705)</b>	
						Annual	
January through December	Year 2013	(103,705)	0.5700%	12.00	(7,093)	<b>(110,798)</b>	
<b>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</b>							
						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

		Accrual Rate (Annual) Percent	Annual Depreciation Expense
<b>TRANSMISSION PLANT</b>			
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	693
Total Transmission Plant Depreciation			693
Total Transmission Depreciation Expense (must tie to p336.7.b & c)			693
<b>GENERAL PLANT</b>			
390	Structures & Improvements	2.00	282
391	Office Furniture & Equipment	5.00	593
	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			875
Total General Plant Depreciation Expense (must tie to p336.10.b.c.d&e)			875
<b>INTANGIBLE PLANT</b>			
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.			

## **Appendix C**

**PATH WEST VIRGINIA TRANSMISSION COMPANY, LLC (PATH WV)**  
**EXHIBIT 5 - HISTORIC OPERATIONS & MAINTENANCE REPORT**  
for year ended December 31, 2009

	Amortization of Regulatory Asset	Siting and right- of-way services	CPCN Permitting services	Engineering, Design and Construction Management services	Business services	Risk Management Services	Tax Compliance services	Administrative services
<b>Labor by Dept (includes labor dollars &amp; labor overheads)</b>								
Finance, Accounting & Strategic Planning	-	-	1,027	-	169,940	1,927	5,802	273,546
Shared Services	4,021	2,382	-	-	-	-	-	368,848
Legal	-	-	-	-	974	-	2,243	82,374
Transmission	-	-	-	-	55,181	737	-	87,526
Regulatory Services	-	-	1,107	-	92	-	-	317,351
Utility Operations	-	-	-	-	235	-	-	-
Environmental & Safety	-	-	-	-	-	-	-	-
RTO, Government & Public Policy	-	-	-	-	-	-	-	-
Strategic Analysis	-	-	-	-	-	-	-	-
Transmission & Interconnection Svcs	-	-	-	-	-	-	-	-
<b>Total Labor</b>	<b>4,021</b>	<b>4,516</b>	<b>-</b>	<b>-</b>	<b>226,422</b>	<b>2,664</b>	<b>8,045</b>	<b>1,129,646</b>
<b>Overheads</b>								
Finance, Accounting & Strategic Planning	-	-	22	-	177,383	7,267	5,418	103,235
Shared Services	1	236	-	-	8,276	4	(4,448)	119,260
Legal	-	-	-	-	25,609	-	3,155	84,169
Transmission	-	-	-	-	39,197	446	-	60,391
Regulatory Services	-	-	3,761	-	4,361	-	-	110,783
Utility Operations	-	-	-	-	614	-	-	0
Environmental & Safety	-	-	-	-	-	-	-	-
RTO, Government & Public Policy	-	-	-	-	-	-	-	-
Strategic Analysis	-	-	-	-	-	-	-	-
Transmission & Interconnection Svcs	-	-	-	-	-	-	-	-
PJM Bill	-	-	-	-	-	-	-	-
Miscellaneous allocated billings	-	-	-	-	-	-	-	-
<b>Total Overheads</b>	<b>1</b>	<b>4,019</b>	<b>-</b>	<b>-</b>	<b>255,441</b>	<b>7,716</b>	<b>4,125</b>	<b>477,838</b>

**PATH WEST VIRGINIA TRANSMISSION COMPANY, LLC (PATH WV)**  
**EXHIBIT 5 - HISTORIC OPERATIONS & MAINTENANCE REPORT**  
for year ended December 31, 2009

	Amortization of Regulatory Asset	Siting and right- of-way services	CPCN Permitting services	Engineering, Design and Construction Management services	Business services	Risk Management Services	Tax Compliance services	Administrative services
<b>Outside Services</b>								
Professional Services	-	-	-	-	239,660	-	(16)	1,550,045
Legal	-	-	-	-	-	-	-	81,711
Tax and Accounting	-	-	10	-	53	-	252	20,397
Temporary labor	42,981	-	-	-	10,436	-	232	779,325
Miscellaneous allocated billings	(643)	-	2,099	(4,414)	22	-	4	27,605
Payment to FERC	-	-	-	-	-	-	-	-
Total Outside Services	42,338	2,109	(4,414)	250,170	-	471	2,459,083	
<b>Materials</b>								
Miscellaneous allocated billings	4	534	-	-	-	-	-	7,419
Total Materials	4	534	-	-	-	-	-	7,419
<b>Employee Expenses</b>								
Meals	24	29	-	-	1,503	0	2	2,979
Other Travel (Lodging, Airfare, Mileage)	2,121	448	-	-	3,865	0	287	31,264
Total Employee Expenses	2,145	477	-	5,368	0	289	34,243	
<b>Other</b>								
PJM Bill	-	-	-	-	-	-	-	2,235
Utility Operations & Transmission	-	-	-	-	-	-	-	-
Miscellaneous allocated billings	34	42	-	(1,831)	13	(1,345)	5,427	
Total Other	34	42	-	(1,831)	13	(1,345)	7,662	
<b>Amortization</b>								
Amortization of Regulatory Assets	1,239,445	-	-	-	-	-	-	-
Amortization of Prepaid Insurance	(113,968)	-	-	-	-	-	-	-
Audit Adjustment	(133,792)	-	-	-	-	-	-	-
Total Amortization	991,685	-	-	-	-	-	-	-

**PATH WEST VIRGINIA TRANSMISSION COMPANY, LLC (PATH WV)**  
**EXHIBIT 5 - HISTORIC OPERATIONS & MAINTENANCE REPORT**  
**for year ended December 31, 2009**

	Amortization of Regulatory Asset	Siting and right- of-way services	CPCN Permitting services	Engineering, Design and Construction Management services	Business services	Risk Management Services	Tax Compliance services	Administrative services
Total PATH-WV	991,685	48,543	11,697	(4,414)	735,570	10,393	11,585	4,115,890

## **Appendix D**

**PATH - ALLEGHENY TRANSMISSION COMPANY, LLC  
(PATH-ALLEGHENY)  
HISTORIC OPERATIONS & MAINTENANCE REPORT  
for year to date December 31, 2009**

	GRAND TOTAL
Labor & Overheads	\$ 1,145,350
Outside Services	1,124,628
Employee Expenses	70,129
PJM Invoice	1,497
Amortization	187,264
Corporate Allocations	302,978
Other	12,465
<b>Total</b>	<b>\$ 2,844,311</b>

**Labor by Dept (includes labor dollars & labor overheads)**

Description of department providing labor:

Audit Services	\$ 10,041
Controller	66,755
Corporate Communications	72,519
Corporate Services	54,211
Environmental Safety	3,916
Executive	7,056
External Affairs	275,299
Finance	6,859
Human Resources	515,024
Information Tech	24,427
Legal	14,957
Rates	39,233
Risk management	8,048
Strategic Planning	813
Supply Chain	11,111
System Security	3,302
Transmission	13,254
Treasury	18,524
<b>Total Labor</b>	<b>\$ 1,145,350</b>

**Corporate Allocations**

Description of department or overhead item:

Taxes	\$ -
Insurance	46,845
Other - Regulatory Services	10,184
Rent	114,739
Utilities	24,324
IT	7,452
Communications & Public Relations	500,015
Payroll Overhead Credits	(459,751)
Other	59,171
<b>Total Corporate Allocations</b>	<b>\$ 302,978</b>

**PATH - ALLEGHENY TRANSMISSION COMPANY, LLC  
(PATH-ALLEGHENY)  
HISTORIC OPERATIONS & MAINTENANCE REPORT  
for year to date December 31, 2009**

**Outside Services**

Description of service provided		
Audit	\$	61,298
Expert Testimony		-
Legal		51,757
IT		113,845
Communications & Public Relations		866,420
Miscellaneous allocated billings		31,307
 Total Outside Services	 \$	 1,124,628

**Employee Expenses**

Type of expense		
Meals & Lodging	\$	26,269
Transportation		26,047
Other		17,812
 Total Employee Expenses	 \$	 70,129
 Carrying Charges, Amort, PJM Bill & Other	 \$	 201,227
 Total	 \$	 2,844,311

## **Appendix E**

**PATH West Virginia Transmission Company, LLC**  
**Historic Capital Investment for 2009**  
**January 1, 2009 - December 31, 2009**  
**(in dollars)**

2009 - Total PATH Project - All Service Agreements													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Total Allegheny Capital	\$ 175,539	\$ 166,394	\$ 158,509	\$ 203,114	\$ 120,124	\$ 156,003	\$ 107,340	\$ 184,360	\$ 318,538	\$ 142,431	\$ 126,722	\$ 298,853	\$ 2,157,927
Total AEP Capital	308,895	237,107	151,682	243,255	272,117	262,472	512,073	331,329	364,773	400,906	484,835	496,961	4,066,404
Total Direct Costs and Accruals	136,492	436,793	555,362	1,370,181	1,546,251	1,398,588	1,305,836	1,124,990	10,117,275	2,053,347	1,287,167	804,855	22,137,139
<b>Total 2009 - PATH Project</b>	<b>\$ 620,926</b>	<b>\$ 840,294</b>	<b>\$ 865,553</b>	<b>\$ 1,816,550</b>	<b>\$ 1,938,493</b>	<b>\$ 1,817,063</b>	<b>\$ 1,925,250</b>	<b>\$ 1,640,679</b>	<b>\$ 10,800,585</b>	<b>\$ 2,596,684</b>	<b>\$ 1,898,723</b>	<b>\$ 1,600,669</b>	<b>\$ 28,361,470</b>

2009 - Siting and ROW Services													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Allegheny Capital	\$ 83,053	\$ 50,808	\$ 32,318	\$ 32,370	\$ 29,897	\$ 44,700	\$ 29,364	\$ 25,547	\$ 41,913	\$ 34,912	\$ 36,398	\$ 30,757	\$ 472,037
AEP Capital	67,023	55,009	34,738	35,770	47,643	41,924	116,744	90,153	92,608	64,861	56,285	57,630	760,387
Total Direct Costs and Accruals	180,482	397,687	260,803	1,168,689	1,136,961	858,108	1,183,185	941,802	10,005,712	1,835,092	647,565	621,041	19,237,127
<b>Total Siting &amp; ROW</b>	<b>\$ 330,559</b>	<b>\$ 503,504</b>	<b>\$ 327,859</b>	<b>\$ 1,236,828</b>	<b>\$ 1,214,500</b>	<b>\$ 944,732</b>	<b>\$ 1,329,293</b>	<b>\$ 1,057,502</b>	<b>\$ 10,140,233</b>	<b>\$ 1,934,865</b>	<b>\$ 740,248</b>	<b>\$ 709,429</b>	<b>\$ 20,469,551</b>

2009 - CPCN Permitting Services													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Allegheny Capital	\$ 18,452	\$ 20,969	\$ 24,241	\$ 19,364	\$ 18,518	\$ 40,588	\$ 24,579	\$ 31,900	\$ 43,762	\$ 42,246	\$ 20,621	\$ 35,432	\$ 340,672
AEP Capital	20,650	16,461	5,862	16,720	14,690	9,570	4,954	26,511	18,511	16,706	133,847	28,414	312,897
Total Direct Costs and Accruals	(54,600)	13,901	245,083	186,869	61,853	318,927	(34,000)	139,085	95,220	107,827	109,497	67,669	1,257,330
<b>Total Permitting</b>	<b>\$ (15,499)</b>	<b>\$ 51,331</b>	<b>\$ 275,187</b>	<b>\$ 222,953</b>	<b>\$ 95,061</b>	<b>\$ 369,085</b>	<b>\$ (4,467)</b>	<b>\$ 197,496</b>	<b>\$ 157,494</b>	<b>\$ 166,778</b>	<b>\$ 263,965</b>	<b>\$ 131,515</b>	<b>\$ 1,910,899</b>

2009 - Engineering, Design & Construction Services													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
AEP Capital	\$ 221,222	\$ 165,637	\$ 111,081	\$ 190,765	\$ 209,784	\$ 210,978	\$ 381,834	\$ 214,658	\$ 252,232	\$ 318,956	\$ 293,734	\$ 409,080	\$ 2,979,961
Total Direct Costs and Accruals	10,610	25,205	49,476	14,624	347,438	221,553	156,652	44,103	16,343	110,428	530,105	116,145	\$ 1,642,682
<b>Tot. Eng, Design &amp; Constr</b>	<b>\$ 231,833</b>	<b>\$ 190,842</b>	<b>\$ 160,558</b>	<b>\$ 205,388</b>	<b>\$ 557,222</b>	<b>\$ 432,531</b>	<b>\$ 538,486</b>	<b>\$ 258,761</b>	<b>\$ 268,576</b>	<b>\$ 429,384</b>	<b>\$ 823,839</b>	<b>\$ 525,224</b>	<b>\$ 4,622,644</b>

2009 - Administrative Services													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Allegheny Capital	\$ 74,034	\$ 94,617	\$ 101,950	\$ 151,380	\$ 71,710	\$ 70,715	\$ 53,397	\$ 126,913	\$ 232,862	\$ 65,273	\$ 69,703	\$ 232,664	\$ 1,345,217
AEP Capital	-	-	-	-	-	-	8,541	8	1,421	384	969	1,837	13,159
<b>Total Admin. Svcs.</b>	<b>\$ 74,034</b>	<b>\$ 94,617</b>	<b>\$ 101,950</b>	<b>\$ 151,380</b>	<b>\$ 71,710</b>	<b>\$ 70,715</b>	<b>\$ 61,938</b>	<b>\$ 126,920</b>	<b>\$ 234,283</b>	<b>\$ 65,657</b>	<b>\$ 70,672</b>	<b>\$ 234,501</b>	<b>\$ 1,358,376</b>

## **Appendix F**

**PATH-Allegheny Transmission Company, LLC**  
**Historic Capital Investment for 2009**  
**January 1, 2009 - December 31, 2009**  
(in dollars)

Total Capital Expenditures - PATH-AYE	January	February	March	April	May	June	July	August	September	October	November	December	Total Year 2009
	\$ 803,494	\$ 1,662,335	\$ 2,853,635	\$ 4,218,951	\$ 1,820,803	\$ 1,817,404	\$ 1,337,892	\$ 1,610,222	\$ 7,667,372	\$ 2,560,894	\$ 2,583,179	\$ 2,483,284	
<b>Internal Labor and O/H</b>	132,541.16	139,874.47	148,737.97	324,796.44	75,167.31	(118,635.44)	110,206.32	146,043.91	189,490.55	152,971.91	116,125.30	125,548.79	1,542,868.69
<b>Employee Expense</b>	14,050.27	15,943.01	10,393.77	17,829.93	5,497.49	11,725.18	7,631.80	12,230.41	13,841.39	9,504.44	6,424.00	8,374.54	133,446.23
<b>Professional Outside Services</b>	640,679.02	771,935.20	1,115,097.01	1,056,104.48	1,269,130.69	1,616,662.11	1,106,584.64	1,432,723.58	1,482,366.62	1,479,636.53	1,868,553.95	2,064,098.90	15,903,572.73
<b>Owner-Procured Material</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>ROW</b>	5,000.00	725,604.53	1,567,713.45	2,777,239.31	439,622.48	300,000.00	100,000.00	-	5,923,079.33	881,428.06	520,000.00	278,000.00	13,517,687.16
<b>Outside Services - Construction</b>	-	-	-	-	-	-	-	-	-	-	-	2,829.56	2,829.56
<b>Other (Miscellaneous)</b>	11,223.46	8,977.36	11,692.97	42,980.44	31,385.42	7,651.80	13,469.64	19,224.34	58,594.59	37,352.84	72,076.24	4,431.96	319,061.06

## **Appendix G**

Annual Report on Construction Work in Progress  
Pursuant to Section V.B. of Implementation Protocols

PATH-WV

1. The actual amount of CWIP recorded at December 31, 2009 for PATH-WV is \$26,383,626.
2. No AFUDC has been included in the CWIP balance relating to year 2009.
3. The resulting effect of AFUDC on the CWIP revenue requirement is zero.
4. Please see 5 below for the current status of the PATH-Allegheny project.
5. PJM Interconnection, L.L.C. (PJM) advised in December 2009 that sensitivity analyses ordered by a Virginia State Corporation Commission Hearing Examiner indicated that the PATH Project would not be needed to resolve NERC reliability violations in 2014 and that PJM will perform a complete analysis through its more comprehensive 2010 RTEP process to determine when the PATH Project will be needed. PJM further advised that additional analysis suggested that voltage criteria violations could occur as early as 2016 based on observed CETO margins and forecasted load growth.

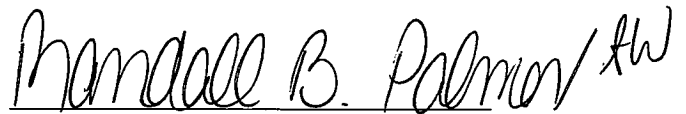
PATH-Allegheny

1. The actual amount of CWIP recorded at December 31, 2009 for PATH-Allegheny is \$25,815,936.
2. No AFUDC has been included in the CWIP balance relating to year 2009.
3. The resulting effect of AFUDC on the CWIP revenue requirement is zero.
4. Please see 5 below for the current status of the PATH-Allegheny project.
5. PJM Interconnection, L.L.C. (PJM) advised in December 2009 that sensitivity analyses ordered by a Virginia State Corporation Commission Hearing Examiner indicated that the PATH Project would not be needed to resolve NERC reliability violations in 2014 and that PJM will perform a complete analysis through its more comprehensive 2010 RTEP process to determine when the PATH Project will be needed. PJM further advised that additional analysis suggested that voltage criteria violations could occur as early as 2016 based on observed CETO margins and forecasted load growth.

CERTIFICATE OF SERVICE

I hereby certify that I have this day serve the foregoing documents upon each person designated on the official service list compiled by the Secretary in this proceeding.

Dated at Greensburg, PA this 13<sup>th</sup> day of July 2010.

Handwritten signature of Randall B. Palmer in cursive, with a large 'AW' written to the right of the signature.

Randall B. Palmer  
Allegheny Energy, Inc.  
800 Cabin Hill Dr.  
Greensburg, PA 15601  
(724) 838 6894