

AMP Transmission LLC
Calculation of Transmission Revenue Requirements
ATSI Transmission Zone

Attachment H-32A

Cash-Flow Model

Year Ended 12/31/2022

Projected

Line No. (a)	Cost of Service Item (b)	(Note A) Page, Line, Col. (c)	Notes (d)	Company Total (e)	Allocator (f)		Projected ATSI-Area Qualifying Transmission (g)
							(e) x (f) Allocated Amount
1	GROSS REVENUE REQUIREMENT (line 54)						\$ 6,623,585
2							
3							
4	REVENUE CREDITS	(Note C)		Total		Allocator	
5	Account No. 454	WP02		\$ -	TP	0.83679	\$ -
6	Account No. 456	WP02		\$ -	TP	0.83679	\$ -
7	Revenue Credits Specific to zone	WP02		\$ 48,547	D/A	1.00000	\$ 48,547
8	Reserved			\$ -	TP	0.83679	\$ -
9	Transmission Enhancement Credit	WP07		\$ -	TP	0.83679	\$ -
10	TOTAL REVENUE CREDITS (sum lines 5-9)						\$ 48,547
11							
12	TRUE-UP ADJUSTMENT WITH INTEREST (Protocols)	(Note D) WP05					\$ 1,129,954
13							
14	Adjustments to Net Revenue Requirement (Note G)						\$ -
15	Interest on Adjustments (Note H)						\$ -
16	Total Adjustment (line 14 + line 15)						\$ -
17	NET REVENUE REQUIREMENTS						\$ 7,704,992.88
17a	DIVISOR						
17b	1 Coincident Peak (CP) (MW) - ATSI						12,604.2 MW
17c	Annual Network Rate (\$/MW/Yr) (Line 17 / Line 17b)						\$ 611.30 /MW/Yr
18							
19	<u>O&M/A&G, DEBT SERVICE & OTHER TAXES</u>						
20							
21	Transmission O&M allocable to zone	321.112.b and WP09	WP09	\$ -	TP	83.679%	\$ -
22	Transmission O&M Specific to zone (Note M)	ATSI	WP09	\$ 857,812	D/A	100.000%	\$ 857,812
23	Less Account 565	321.96.b	Form 1	\$ -	TP	83.679%	\$ -
24	Less: Account 561.2 Load Dispatch - Monitor and Operate Tra	321.86.b	Form 1	\$ -	TP	83.679%	\$ -
25	A&G allocable to zone (Note M)	323.197.b and WP09	WP09	\$ 3,114,484	W&S	83.679%	\$ 2,606,183
26	A&G Specific to zone (Note M)		WP09	\$ 64,155	D/A	100.000%	\$ 64,155
27	Other Amortizations - ATSI (Note N)		WP03	\$ -	D/A	100.000%	\$ -
28	Other Amortizations - AEP Zone (Note N)		WP03	\$ 28,423			
29	Other Amortizations - All zones		WP03	\$ 11,248	D/A		
30	Amortization of Start-Up Costs to zone (Note N)		WP03	\$ -	D/A	100.000%	\$ -
31	TOTAL O&M (sum lines 21, 22, 25-30, less lines 23 and 24)			\$ 4,076,122			\$ 3,528,150
32							
33	DEBT SERVICE						
34	Debt Service (Note L)		WP06	\$ 2,347,018	TP	83.679%	\$ 1,963,971
35	Amortization of premium or discount (Note E)			\$ -	TP	83.679%	\$ -
36	TOTAL DEBT SERVICE (Sum lines 34 and 35)			\$ 2,347,018			\$ 1,963,971
37	Interest for Working Capital needs		WP06b	\$ 72,931	TP	83.679%	\$ 61,028
38							
39	TAXES OTHER THAN INCOME TAXES (Note F)						
40	LABOR RELATED						
41	Payroll	263.i	Form 1	\$ -	W&S	83.679%	\$ -
42	Highway and vehicle	263.i	Form 1	\$ -	W&S	83.679%	\$ -
43	PLANT RELATED	263.i					
44	Property specific to zone (Note M)	ATSI	WP09	\$ 284,848	D/A	100.000%	\$ 284,848
45	Property allocable to zone (Note M)	263.i and WP09	WP09	\$ -	TP	83.679%	\$ -
46	Other	263.i	Form 1	\$ -	D/A	100.000%	\$ -
47	State Franchise Tax	263.i	Form 1	\$ -	D/A	100.000%	\$ -
48	TOTAL OTHER TAXES (sum lines 41 through 47)			\$ 284,848			\$ 284,848
49							
50	Subtotal (lines 31 + 36 + 37 + 48)			\$ 6,780,918			\$ 5,837,997
51							
52	MARGIN REQUIREMENT (Note I) (WP10)	40% of Debt Service	Margin factor 40.0%	\$ 938,807	D/A	83.679%	\$ 785,588
53							
54	REV. REQUIREMENT (sum lines 50 and 52)			\$ 7,719,726			\$ 6,623,585
55							
56	GROSS PLANT IN SERVICE						
57	Production			\$ -	NA		\$ -
58	Transmission (Note B)	207.58.g	WP01/04	\$ 19,617,255	D/A	100.000%	\$ 19,617,255
59	Distribution			\$ -	N/A		\$ -
60	General & Intangible	205.5.g & 207.99.g	WP01	\$ -	W&S	83.679%	\$ -
61	Reserved			\$ -	TP	83.679%	\$ -
62	Other			\$ -	TP	83.679%	\$ -
63	TOTAL GROSS PLANT (sum lines 57 - 62)			\$ 19,617,255			\$ 19,617,255
64							
65	TRANSMISSION PLANT % INCLUDED IN PJM COST OF SERVICE						
66							
67	Total transmission plant		WP04				\$ 19,617,255
68	Less Non-Qualifying Transmission Plant		WP04				\$ 3,201,647
69	Less transmission plant included in OATT Ancillary Services		WP04				\$ -
70	Total Qualifying Transmission Plant in Service (line 67 - 68 - 69)						\$ 16,415,608
71							
72	Percentage of PJM Qualifying transmission plant included in Cost of Service (line 70 / line 67)				TP=		83.68%

AMP Transmission LLC
Calculation of Transmission Revenue Requirements
ATSI Transmission Zone

Attachment H-32A

Cash-Flow Model

Year Ended 12/31/2022

Projected

Line No. (a)	Cost of Service Item (b)	(Note A) Page, Line, Col. (c)	Notes (d)	Company Total (e)	Allocator (f)	Actual ATSI-Area Qualifying Transmission (g)
						(e) x (f) Allocated Amount
73						
74	TRANSMISSION EXPENSES					
75						
76	Total transmission expenses (line 21+22 Column e)					857,812
77	Less transmission expenses included in OATT Ancillary Services (Note J)					0
78	Included transmission expenses (line 76 less line 77)					857,812
79						
80	Percentage of transmission expenses after adjustment (line 78 divided by line 76)					1.00000
81	Percentage of transmission plant included in ISO Rates (line 72)				TP	0.83679
82	Percentage of transmission expenses included in ISO Rates (line 80 times line 81)				TE=	0.83679
83						
84						
85	WAGES & SALARY ALLOCATOR (W&S) (Note K)					
86	Production			\$ -	TP 0.00%	\$ -
87	Transmission (WP04)			\$ 1	83.68%	\$ 1
88	Distribution			\$ -	0.00%	\$ -
89	Other			\$ -	0.00%	\$ -
90	Total (sum lines 86-89)			\$ 1		\$ 1 =
91						W&S Allocator (\$ / Allocation) 83.6794% = WS

Rate Formula Template
Utilizing Informational FERC Form 1 Data

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

Notes

- 103 A AMPT will maintain and post with informational filings an Informational FERC Form 1.
- 104 B Beginning/End year balances will match Form 1. 13-Month average balances shown on WP-01. Qualifying zonal transmission investment shown on WP04. Excluding any Transmission AROs
- 105 C The revenues credited on page 1 lines 5-9 shall include only the amounts received directly (in the case of grandfathered agreements) or from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template.
- 106
- 107
- 108
- 109 D The True-Up adjustment is the difference between (1) the revenues received for the 12-Month period and (2) the ATRR for that 12-Month period after it is known, with interest
- 110 Over Recoveries are entered as negative to reduce the net revenue. Under recoveries are entered as Positive to increase the net revenue.
- 111 E Includes amounts recorded to accounts 428 and 429.
- 112 F Includes only FICA, unemployment, highway, property, gross receipts, PILOT, and other assessments charged in the current year. Taxes related to income are excluded.
- 113 Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- 114 G Adjustments required pursuant to Section 6 of the AMPT Protocols. Refunds shall be entered as a negative number to reduce the net revenue requirement.
- 115 Surcharges shall be entered as a positive number to increase the net revenue requirement.
- 116 H Interest required pursuant to Section 2(c) of Protocols. Interest on any refunds shall be entered as a negative number to reduce the net revenue requirement. Interest on surcharge shall be entered as a positive number to increase the net revenue requirement.
- 117
- 118 I Margin Factor equals .40 or 40% of debt service. Margin Requirement is the dollar amount that results from applying the Margin Factor to annual debt service.
- 119 The Margin Factor can only be changed by Order of the Commission
- 120 J Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including all of Account No. 561.1, 561.2, 561.3 and 561.BA.
- 121
- 122 K AMPT will have no wages and salaries. However, all A&G expense incurred by AMPT will be 100% related to AMPT Transmission
- 123 L PTRR debt service projections for zone are shown on WP06. Actual ATRR debt service (for True-up template) will be from AMPT accounting records
- 124 With respect to purchased assets, principal and interest payments related to borrowings in excess of the seller's net book value will not be included in the PTRR or ATRR debt service.
- 125 M O&M and A&G and Property Other Taxes values taken from the column in WP09 that corresponds to the zone
- 126
- 127 N Includes amortization of pre-commercial Start-Up costs booked in account 182.3, approved by the Commission and amortized through Account 566.

AMP Transmission LLC

Gross Plant in Service - 13 Month Average Balances

Attachment H-32A - WP01 - Plant - 2022

Line No.	Month	Year	Production	Transmission	Distribution	General	Intangible	Total
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		[A]	205.46.g	207.58.g	207.75.g	207.99.g	205.5.g	
1	December	2021		12,113,409		-	-	12,113,409
2	January	2022		12,113,409		-	-	12,113,409
3	February	2022		12,113,409		-	-	12,113,409
4	March	2022		12,113,409		-	-	12,113,409
5	April	2022		12,113,409		-	-	12,113,409
6	May	2022		12,113,409		-	-	12,113,409
7	June	2022		25,063,409		-	-	25,063,409
8	July	2022		25,063,409		-	-	25,063,409
9	August	2022		25,063,409		-	-	25,063,409
10	September	2022		26,788,409		-	-	26,788,409
11	October	2022		26,788,409		-	-	26,788,409
12	November	2022		26,788,409		-	-	26,788,409
13	December	2022		26,788,409		-	-	26,788,409
14								
15	13-month Average		-	19,617,255	-	-	-	19,617,255

Asset Retirement Cost for Transmission Plant			Transmission	Total Tras w/AROs
		[A]	207.57.g	
22	December	2021	1,774,984	13,888,392
23	January	2022	1,774,984	13,888,392
24	February	2022	1,774,984	13,888,392
25	March	2022	1,774,984	13,888,392
26	April	2022	1,774,984	13,888,392
27	May	2022	1,774,984	13,888,392
28	June	2022	1,774,984	26,838,392
29	July	2022	1,774,984	26,838,392
30	August	2022	1,774,984	26,838,392
31	September	2022	1,774,984	28,563,392
32	October	2022	1,774,984	28,563,392
33	November	2022	1,774,984	28,563,392
34	December	2022	1,774,984	28,563,392
35				
36	13-month Average		1,774,984	

Notes:
[A] Reference for December balances as would be reported in FERC Form 1.

AMP Transmission LLC

Revenue Credits Workpaper

H-32A-WP02 - Revenue Credits

Add Lines if needed			
Line No.	REVENUE CREDITS	Amount	Description of Revenue Credits
(a)	(b)	(c)	(d)
<u>ADD LINES AS NEEDED FOR ADDITIONAL REVENUE CREDITS</u>			
1	Account No. 454	\$ -	
2	Account No. 454 Revenue Credits specific to zone		
3	Account No. 454 Revenue Credits allocable to all zones	\$ -	
4			
5			
6			
7	Account No. 456		
8	Account No. 456 Revenue Credits specific to zone		
9	Account No. 456 Revenue Credits allocable to all zones		
10			
11			
12	Other Revenue Credits specific to zone	\$ 48,547	PTP/Through and Out Revenues in ATSI zone - Estimate
13			
14			
15			

AMP Transmission LLC

Formation Cost (Start-up) Workpaper

Add Columns and lines as needed

	AMP Transmission LLC	3-year Amorts	
	2018 Start-Up Costs	Deferred from	
		and Incurred in	
		2018	
Up Front Costs - Deferred - Amort Acct during 2020			
Consultants - Acct 566	\$	8,550	
Meetings - Acct 930	\$	678	
AMPT Labor/Overhead - Acct 920	\$	36,117	
Consulting/Legal - Acct 923	\$	50,595	
AMPT Labor/Overhead - Acct 922	\$	74,598	
Total Up-Front Costs	\$	170,539	See Tab "Detail of 3-Yr AEP"
Number of anticipated Transmission Zones		2	ATSI and AEP East
Amortization period		3	years beginning 1/1/2019
Yearly Amortization	\$	28,423	AEP zone 2nd Yr. ATSI zone assignment ended in 2021.
Deferred to AEP Zone (or Next Zone)	\$	85,269	

Other Amortizations of deferred start-up - ATSI Zone Specific - amortized in 2019

	<u>Total</u>	<u>term</u>	<u>Yearly Amortization</u>
		1	\$ -
		1	\$ -
		1	\$ -
		1	\$ -
		1	\$ -
		1	\$ -
		1	\$ -
		1	\$ -
		1	\$ -
		1	\$ -
		1	\$ -
		1	\$ -
		1	\$ -
Total 1-year Amort to ATSI zone	\$		-

Add lines as needed

Other Amortizations - AEP

	<u>Total</u>	<u>term</u>	<u>Yearly Amortization</u>	
Post Startup - Dayton Allocation	\$ 11,189	Deferred	\$ 11,189	
Post Startup - Duke Allocation	\$ 59	Deferred	\$ 59	
List other AEP Amortizations here	\$ -	0	\$ -	Add lines as needed
List other AEP Amortizations here	\$ -	0	\$ -	
List other AEP Amortizations here	\$ -	0	\$ -	
List other AEP Amortizations here	\$ -	0	\$ -	
Total AEP zonal Amortizations			\$ 11,248	
	\$ 11,248			

AMP Transmission LLC

Zonal Investment Workpaper

Add Zones if necessary. Add lines for more project investment

Line No.

AMPT Transmission Investment - Gross Plant					
	(a)	(b)	(c)	(d)	(e)
		<u>ATSI</u>	<u>AEP</u>	<u>Dayton</u>	<u>AMPT Total</u>
1	AMPT Transmission Investment - Gross Plant				
2					
3					
4		<u>ATSI</u>	<u>AEP</u>	<u>Dayton</u>	<u>AMPT Total</u>
5					
6	Project 1	\$ 1,111,674	\$ -	\$ -	\$ 1,111,674
6a	Project 2	\$ 469,339	\$ -	\$ -	\$ 469,339
6b	Project 3	\$ 467,934	\$ -	\$ -	\$ 467,934
6c	Project 4	\$ 2,522,377	\$ -	\$ -	\$ 2,522,377
6d	Project 5	\$ 692,480	\$ -	\$ -	\$ 692,480
6e	Project 6	\$ 2,113,342	\$ -	\$ -	\$ 2,113,342
6f	Project 7	\$ -	\$ 1,136,263	\$ -	\$ 1,136,263
6g	Project 8	\$ 1,750,000	\$ -	\$ -	\$ 1,750,000
6h	Project 9	\$ 1,850,000	\$ -	\$ -	\$ 1,850,000
6i	Project 10	\$ 5,438,462	\$ -	\$ -	\$ 5,438,462
6j	Project 11	\$ -	\$ 1,534,615	\$ -	\$ 1,534,615
6k	Project 12	\$ -	\$ -	\$ 530,769	\$ 530,769
6l	Subtotal	\$ 16,415,608	\$ 2,670,878	\$ 530,769	\$ 19,617,255
6m					
7	<u>Non-Qualifying</u>				
7a	ATSI Zone				
7b	AEP Zone		\$ -		\$ -
7c	Dayton Zone		\$ -		\$ -
7d	Other Non-Qualifying Facilities		\$ -		\$ -
7e	Other Non-Qualifying Facilities	\$ -	\$ -	\$ -	\$ -
8	Total Qualifying	\$ 16,415,608	\$ 2,670,878	\$ 530,769	\$ 19,617,255
9					
10	Zonal Allocation	100.00%	100.00%	100.00%	
11					
12	Allocated To Zone	\$ 16,415,608	\$ 2,670,878	\$ 530,769	\$ 19,617,255
13					
14					
15	Transmission Plant recovered in Ancillary Services				
16					
17					
18					
19		<u>ATSI</u>	<u>AEP</u>	<u>Other Zone</u>	<u>AMPT Total</u>
20					
21	Amount	\$ -	\$ -	\$ -	\$ -
22					
23	Zonal Allocation	0%	0%	0%	
24					
25	Allocated To Zone	\$ -	\$ -	\$ -	\$ -
26					
27					
28	Wages and Salaries Proxy - Gross Plant in Each Zone				
29					
30	Line 12 (b, c, or d) divided by Line 12 (e)	83.7%	13.6%	2.7%	

AMP Transmission LLC
True-Up and Adjustments Workpaper

AMPT True-up with Interest - based on Protocols

NITS Revenues received by PJM for the Year (Note 2)	-	Actual Revenue Requirement For Year (ATRR)	=	True-up Adjustment - (Over)/Under Recovery
\$ 1,784,038		\$ 2,829,843		\$ 1,045,806

Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
Interest Rate on Amount of Refunds or Surcharges (Note 1)	0.3135%				

As an example, an over or under collection will be recovered prorata over 2019, held for 2020 and returned prorata over 2021

Calculation of Interest

					Monthly	FERC Interest Rate - Monthly	
January	Year 2022	87,150	0.3135%	12	(3,279)	(90,429)	Jan-20 0.4100%
February	Year 2022	87,150	0.3135%	11	(3,005)	(90,156)	Feb-20 0.4100%
March	Year 2022	87,150	0.3135%	10	(2,732)	(89,883)	Mar-20 0.4100%
April	Year 2022	87,150	0.3135%	9	(2,459)	(89,609)	Apr-20 0.4000%
May	Year 2022	87,150	0.3135%	8	(2,186)	(89,336)	May-20 0.4000%
June	Year 2022	87,150	0.3135%	7	(1,913)	(89,063)	Jun-20 0.4000%
July	Year 2022	87,150	0.3135%	6	(1,639)	(88,790)	Jul-20 0.2900%
August	Year 2022	87,150	0.3135%	5	(1,366)	(88,517)	Aug-20 0.2900%
September	Year 2022	87,150	0.3135%	4	(1,093)	(88,243)	Sep-20 0.2900%
October	Year 2022	87,150	0.3135%	3	(820)	(87,970)	Oct-20 0.2700%
November	Year 2022	87,150	0.3135%	2	(546)	(87,697)	Nov-20 0.2700%
December	Year 2022	87,150	0.3135%	1	(273)	(87,424)	Dec-20 0.2700%
					(21,311)	(1,067,117)	Jan-21 0.2700%
							Feb-21 0.2700%
							Mar-21 0.2700%
January through December	Year 2021	(1,067,117)	0.3135%	12	(40,145)	(1,107,261)	Apr-21 0.2700%
							May-21 0.2700%
							Jun-21 0.2700%
							Jul-21 0.2700%
							Aug-21 0.2700%

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

					Monthly		
January	Year 2022	1,107,261	0.3135%		(3,471)	94,163	(1,016,570)
February	Year 2022	1,016,570	0.3135%		(3,187)	94,163	(925,594)
March	Year 2022	925,594	0.3135%		(2,902)	94,163	(834,333)
April	Year 2022	834,333	0.3135%		(2,616)	94,163	(742,786)
May	Year 2022	742,786	0.3135%		(2,329)	94,163	(650,951)
June	Year 2022	650,951	0.3135%		(2,041)	94,163	(558,829)
July	Year 2022	558,829	0.3135%		(1,752)	94,163	(466,418)
August	Year 2022	466,418	0.3135%		(1,462)	94,163	(373,718)
September	Year 2022	373,718	0.3135%		(1,172)	94,163	(280,727)
October	Year 2022	280,727	0.3135%		(880)	94,163	(187,444)
November	Year 2022	187,444	0.3135%		(588)	94,163	(93,869)
December	Year 2022	93,869	0.3135%		(294)	94,163	0
					(22,693)		

True-Up with Interest	\$ 1,129,954
Less Over (Under) Recovery	\$ (1,045,806)
Total Interest	\$ 84,149

Note 1:
Interest Rate on Amount of Refunds or Surcharges is the monthly average interest rate calculated in accordance with section 2(c) of the AMPT Formula Rate Protocols.
Note 2:
Exclude any true-up amount included in the PTRR for the year being true-up

AMP Transmission LLC
Debt Service Workpaper - Monthly

Debt Service Payments - Year End 12/31/2022

This tab is to accommodate projects that may go in service or close mid-year in any particular month

Add Additional Project Columns and lines as needed

AMPT Projects			Total Projects	Project #1	Project #2	Project #3	Project #4	Project #5	Project #6	Project #7	Project #8	Project #9	Project #10	Project #11	Project #12
From WP06	Total Debt Service Over Loan Term			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt Service Schedule (Monthly)															
Year	Month														
2022	1/1/2022	\$118,848	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	2/1/2022	\$118,848	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	3/1/2022	\$118,848	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	4/1/2022	\$118,848	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	5/1/2022	\$118,848	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	6/1/2022	\$217,544	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	7/1/2022	\$245,394	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	8/1/2022	\$245,394	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	9/1/2022	\$245,394	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	10/1/2022	\$262,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	11/1/2022	\$262,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	12/1/2022	\$262,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

AMP Transmission LLC
Debt Service Workpaper - Monthly

Debt Service Payments - Year End 12/31/2022

Add Additional "Other" Columns and lines as needed

Other AMPT Capitalized Equipment			Total Projects	Project #1	Project #2	Project #3	Project #4	Project #5	Project #6	Project #7	Project #8	Project #9	Project #10
From WP06	Total Debt Service Over Loan Term			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt Service Schedule (Monthly)													
	Year	Month											
	2022	1/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	2/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	3/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	4/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	5/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	6/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	7/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	8/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	9/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	10/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	11/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2022	12/1/2022	\$1,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

AMP Transmission LLC

Zonal Investment Workpaper

Line No.	<u>Components - Description</u>	Amounts
(a)	(b)	(c)
1	AMPT Working Capital Loan from AMP	\$ 2,244,031
2		
3	Prime Rate	3.25%
4		
5	Interest on Working Capital Loan ¹	\$ 72,931
6		
7		
8	For ATRR and True-up, AMPT will record actual interest expense	
9		
10	Note 1: to Attachment H-32A, page 1, line 37	
11		
12	For ATRR and True-up, interest will be per books	
13	For PTRR, use most recent available Prime Rate when projections are done	

AMP Transmission LLC

Transmission Enhancement Credit (Schedule 12 Projects)

To be completed in conjunction with Attachment H-32A

Line No.	(1)	(2) <u>Reference</u>	(3) <u>Transmission</u>	(4) <u>Allocator</u>
1	Gross Transmission Plant - Total		\$ 19,617,255	
2	Net Transmission Plant - Total			
3				
4	O&M EXPENSE			
5	Total O&M Allocated to Transmission		\$ 3,528,150	
6	Annual Allocation Factor for O&M		17.98%	17.98%
7				
8	DEBT SERVICE		\$ 1,963,971	
9	Annual Allocation Factor for Debt Service		10.01%	10.01%
10				
11	MARGIN REQUIREMENT		\$ 785,588	
12	Annual Allocation Factor for Margin Requirement		4.00%	4.00%
13				
14	TAXES OTHER THAN INCOME TAXES			
15	Total Other Taxes		\$ 284,848	
16	Annual Allocation Factor for Other Taxes		1.45%	1.45%
17				
18	Annual Allocation Factor for Expense and Margin Requirement	Sum of line 6 through 16		33.45%

Add lines for projects as needed

Transmission Enhancement Credit (Schedule 12 Projects)

To be completed in conjunction with Attachment H-32A

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Line No.	Project Name	RTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	True-up Adjustment	Annual Revenue Requirement with True-up
28				(line 18)	(Col. 3 * Col. 4)	N/A		(Col. 6 * Col. 7)		(WP08-True-up Col. i)	(Sum Col. 5, 8, 9 & 10)
30	1a	b	\$ -	33.45%	\$ -	N/A	0.00%	\$ -	\$ -	-	\$ -
31	1b	b	\$ -	33.45%	\$ -	N/A	0.00%	\$ -	\$ -	-	\$ -
32	1c	b	\$ -	33.45%	\$ -	N/A	0.00%	\$ -	\$ -	-	\$ -

2 Transmission Enhancement Credit for Attachment H-32A Page 1, Line 9

Notes

A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-21A.

B Net Transmission Plant is that identified on page 2 line 14 of Attachment H-21A.

C

D Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 above. This value includes subsequent capital investments required to maintain the project in-service.

E Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.

F Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-21A page 3 line 12.

AMP Transmission LLC
Transmission Enhancement Credit (Schedule 12 Projects)

Add more lines as needed

Transmission Enhancement Credit - True-up
To be completed after WP07 for the True-up Year is updated using actual data

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Line No.	Project Name	RTEP Project Number	Actual TEC Revenues	Projected TEC Annual Revenue Requirement from PTRR	Actual TEC Revenues Allocated to Projects [Col. c, line 1 * (Col. d, line 2x / Col. d, line 3)]	Actual TEC Annual Revenue Requirement from ATRR	True-up Adjustment Principal Under/(Over) Col. f - Col. e	Applicable Interest on Under/(Over) Col. g * [(line 4a / line 4b) - 1]	True-up Adjustment with Interest Under/(Over) Col. g + Col. H
1	[A] Actual PJM TEC Revenues for True-up Year		-						
2a		b		-	-		-	-	-
2b		b		-	-		-	-	-
2c		b		-	-		-	-	-
3	Subtotal			-	-	-			
4a	Revenue Requirement True-up with Interest						-		
4b	Revenue Requirement True-up - Over/Under Recovery						-		

NOTE

[A] Amount included in revenues reported on page 330, column k of FERC Form 1.

AMP Transmission LLC
Transmission O&M, A&G, and Other Taxes Workpaper

Add lines and other zones as needed to increase transparency

TRANSMISSION O&M, A&G, and OTHER TAXES DETAIL

Add Lines and Columns to if necessary to increase transparency

Line No. (a)	Item (b)	Form 1 Reference (c)	Amount (d)			Deferred (e)	Description (f)
			Est. for Zone	Est. for Zone	Est. for Zone		
1	Total Transmission O&M - 2022 Projected	321.112.b	\$ -				From Informational AMPT Form 1 - ATRR True-up
2							
3	<u>Total Transmission O&M Specific to ATSI zone</u>						
4	Total Transmission O&M Specific to ATSI zone - Projected	\$ 857,812	\$ 857,812	\$ -	\$ -	\$ -	Projected O&M expense for ATSI Zone only
5	Total Transmission O&M Specific to ATSI zone	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
6	Total Transmission O&M Specific to ATSI zone	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
7	Total Transmission O&M Specific to ATSI zone	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
8	Subtotal ATSI Zone	\$ 857,812	\$ 857,812	\$ -	\$ -	\$ -	sum of transmission O&M specific to ATSI zone
9							
10	<u>Total Transmission O&M Specific to AEP zone</u>						
11							
12	Total Transmission O&M Specific to AEP zone - Projected	\$ 295,508	\$ -	\$ 295,508	\$ -	\$ -	Projected O&M expense for AEP Zone only
13	Total Transmission O&M Specific to AEP zone	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
14	Subtotal AEP Zone	\$ 295,508	\$ -	\$ 295,508	\$ -	\$ -	sum of transmission O&M specific to AEP zone
15							
16	<u>Total Transmission O&M Specific to Dayton zone</u>						
17							
18	Total Transmission O&M Specific to Dayton zone - Projected	\$ 70,627	\$ -	\$ -	\$ 70,627	\$ -	Projected O&M expense for Dayton Zone only
19	Total Transmission O&M Specific to Dayton zone	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
20	Subtotal Dayton Zone	\$ 70,627	\$ -	\$ -	\$ 70,627	\$ -	sum of transmission O&M specific to Dayton zone
21							
22	<u>Total Transmission O&M Specific to all zones</u>						
23	List transmission specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
24	List transmission specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
25	List transmission specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
26	List transmission specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
27	List transmission specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
28	List transmission specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
29	List transmission specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	\$ -	Add description
30	<u>Total Transmission O&M Specific to all zones</u>	\$ -	\$ -	\$ -	\$ -	\$ -	sum of transmission O&M specific to all zones
31							
32							
33							

Item (b)	Form 1 Reference (c)	Amount (d)	Deferred (e)	Description (f)		
A&G Expense - 2022 Projected	323.197.b	\$ -		Projected		
Total	350.d					
Total A&G Specific to ATSI zone						
Property Insurance	\$ 64,155	\$ 64,155	\$ -	\$ -	Projected property insurance expense for ATSI Zone only	
List A&G specific to ATSI zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
List A&G specific to ATSI zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Subtotal A&G Specific to ATSI zone	\$ 64,155	\$ 64,155	\$ -	\$ -	sum of A&G specific to ATSI zone	
Total A&G Specific to AEP zone	323.189.b					
Property Insurance	\$ 9,192	\$ -	\$ 9,192	\$ -	Add description	
List A&G specific to AEP zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
List A&G specific to AEP zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Subtotal A&G Specific to AEP zone	\$ 9,192	\$ -	\$ 9,192	\$ -	sum of A&G specific to AEP zone	
Total A&G Specific to Dayton zone	323.189.b					
Property Insurance	\$ 2,703	\$ -	\$ -	\$ 2,703	Add description	
List A&G specific to Dayton zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
List A&G specific to Dayton zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Subtotal A&G Specific to Dayton zone	\$ 2,703	\$ -	\$ -	\$ 2,703	sum of A&G specific to Dayton zone	
Total A&G Specific to all zones						
Labor and Overheads	\$ 1,918,261	\$ 1,605,190	\$ 261,170	\$ 51,901	\$ -	Labor and Overhead
IT and Software	\$ 331,481	\$ 277,381	\$ 45,131	\$ 8,969	\$ -	IT and Software Expense
Insurance	\$ -	\$ -	\$ -	\$ -	\$ -	Insurance
Training/Education	\$ 67,000	\$ 56,065	\$ 9,122	\$ 1,813	\$ -	Training/Education
Legal & Outside Professional Services/Consultants	\$ 797,742	\$ 667,546	\$ 108,612	\$ 21,584	\$ -	Legal & Outside Professional Services/Consultants
Total A&G Specific to all zones	\$ 3,114,484	\$ 2,606,183	\$ 424,035	\$ 84,266	\$ -	sum of A&G specific to all zones
Other Taxes - 2022 Projected	263.i				From Informational Form 1 for ATRR True-up, otherwise estimate for PTRR	
Other Taxes specific to ATSI Zone	263.i.1					
ATSI Assets property tax - Estimate 2022	\$ 284,848	\$ 284,848	\$ -	\$ -	ATSI Assets property tax - Estimate 2022	
Other Tax specific to ATSI zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to ATSI zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to ATSI zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to ATSI zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to ATSI zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Subtotal Other Taxes specific to ATSI zone	\$ 284,848	\$ 284,848	\$ -	\$ -	sum of Other Taxes specific to ATSI zone	
Other Taxes specific to AEP Zone						
AEP Assets property tax - Estimate 2022	\$ 30,000	\$ -	\$ 30,000	\$ 30,000	AEP Assets property tax - Estimate 2022	
Other Tax specific to AEP zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to AEP zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to AEP zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to AEP zone here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Subtotal Other Taxes specific to AEP zone	\$ 30,000	\$ -	\$ 30,000	\$ 30,000	sum of Other Taxes specific to AEP zone	
Other Taxes Specific to all zones						
Other Tax specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Other Tax specific to all zones here - add rows if necessary	\$ -	\$ -	\$ -	\$ -	Add description	
Total Other Taxes Specific to all zones	\$ -	\$ -	\$ -	\$ -	sum of Other Taxes specific to all zones	

AMP Transmission LLC

Development of Margin Requirement

Line No.	Item	12-Month Period=	2022
(a)	(b)		(c)
1	Debt Service Payments ¹		\$2,419,949
2			
3	Less:		
4	Interest on Working Capital Loans (WP06b)		\$ 72,931
5	Premium paid on Debt and included in debt service		\$ -
6	Other Adjustments needed to reflect only Debt Service on Assets		\$ -
7	Add Additional deductions to Debt Service Payments as needed		\$ -
8			
9	Net Debt Service Payments (line 1 - lines 4 through 7)		\$ 2,347,018
10	Margin Factor (fixed)		40%
11	Margin Requirement (line 9 x line 10) - To H-32A line		\$ 938,807
12			
13	Notes:		
14	1. Excludes any Debt Service related to Acquisition Adjustments if any per WP06		

AMP Transmission, LLC 2022 ATSI Zone Projected Transmission Revenue Requirement, Docket No. ER19-263-000

AMP Transmission, LLC (“AMPT”) has submitted to PJM Interconnection, L.L.C. (“PJM”) for posting (and publication, pursuant to AMPT’s protocols) the Projected Transmission Revenue Requirement for 2022 (“2022 PTRR”) for the ATSI zone of PJM. This 2022 PTRR is submitted pursuant to Attachment H-32B of the PJM Open Access Transmission Tariff (“OATT”). The 2022 PTRR includes fully populated Microsoft Excel files with formulas intact.

The 2022 PTRR attached hereto is posted on the PJM website at:

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

Pursuant to Section 1(b) of the Formula Rate Implementation Protocols found in PJM OATT Attachment H-32B, the 2022 PTRR includes, via the Formula Rate worksheets, sufficiently detailed supporting documentation for data (and all adjustments thereto or allocations thereof) used in the Formula Rate; sufficient detail and sufficient explanation to enable Interested Parties to replicate the calculation of the 2022 PTRR results and verify that each input to the Template is consistent with the requirements of the Formula Rate; and, identifies changes in accounting that affect inputs to the Template or the resulting charges billed under the Formula Rate (“Accounting Change”), including: i) the initial implementation of an accounting standard or policy; ii) the initial implementation of accounting practices for unusual or unconventional items where FERC has not provided specific accounting direction; iii) correction of errors and prior period adjustments that impact the 2020 True-Up Adjustment calculation; and iv) the implementation of new estimation methods or policies that change prior estimates.

Specifically, AMPT has not implemented new accounting standards or policies, new accounting practices for unusual or unconventional items where FERC has not provided specific guidance, or new estimation methods or policies that change prior estimates. AMPT has made no material changes in its accounting policies and practices from those in effect during the previous rate year and upon which the current rate is based. AMPT has not included any items in the 2022 PTRR at an amount other than on a historic cost basis (e.g., fair value adjustments) and there have been no reorganizations or merger transactions during the previous year. Costs among AMPT and its affiliates are assigned in accordance with its services agreement. There have been no changes from the prior year.

AMPT calculated its 2022 PTRR for the 2022 Rate Year. The 2022 PTRR annual revenue requirement for the ATSI zone is \$7,704,992.88 and results in a Network Integration Transmission Service rate of \$611.30 per MW-year for AMPT facilities in the ATSI zone of PJM based on the AMPT revenue requirement and Network Service Peak Load data provided by PJM.