AMP Transmission LLC Calculation of Transmission Revenue Requirements

ATSI Transmission Zone Attachment H-32A

Cash-Flow Model

#### Year Ended 12/31/2019

Actual

		A	ctual						
Line No.	Cost of Service Item (b)	(Note A) Page, Line, Col. (c)	Notes (d)	<u>Cor</u>	npany Total (e)		Allocator (f)	A <sup>T</sup>	Actual TSI-Area ualifying nsmission (g)
1	GROSS REVENUE REQUIREMENT (line 54)								(e) x (f) Allocated Amount 1,361,854
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	REVENUE CREDITS Account No. 454 Account No. 456 Revenue Credits Specific to zone Reserved Transmission Enhancement Credit TOTAL REVENUE CREDITS (sum lines 5-9) TRUE-UP ADJUSTMENT WITH INTEREST (Protocols) Adjustments to Net Revenue Requirement (Note G) Interest on Adjustments (Note H) Total Adjustment (ine 14 + line 15) NET REVENUE REQUIREMENTS DIVISOR	(Note C) WP02 WP02 WP02 WP07 (Note D) WP05		\$ \$ \$ \$	Total 13,391 9,627	TP TP D/A TP TP	1.00000 1.00000 1.00000 1.00000 1.00000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,391 9,627 - - 23,018 (92,519) - - - 1,246,318
17b 17c 18 19 20 21 22 23 24 25 26 27 28	1 Coincident Peak (CP) (MW) - ATSI Annual Network Rate (\$/MW/Yr) (Line 17 / Line 17b)  O&M/A&G, DEBT SERVICE & OTHER TAXES  Transmission O&M allocable to zone Transmission O&M Specific to zone (Note M) Less Account 565 Less: Account 565 Less: Account 561.2 Load Dispatch - Monitor and Operate Tran A&G allocable to zone (Note M) A&G Specific to zone (Note M) Other Amortizations - ATSI (Note N) Other Amortizationsother Zone (Note N)	321.112.b and WP09 ATSI 321.96.b © 321.86.b 323.197.b and WP09	WP09 WP09 Form 1 Form 1 WP09 WP09 WP03 WP03	\$ \$ \$ \$ \$ \$ \$ \$ \$	310,905 - 410,427 379,205	TP D/A TP TP W&S D/A D/A	100.000% 100.000% 100.000% 100.000% 100.000% 100.000%	* *****	12,824.5 MW 97.2 /MW/Yr 310,905 - - - 410,427 379,205
29 30 31 32	Other Amortizations - All zones Amortization of Start-Up Costs to zone (Note N) TOTAL O&M (sum lines 21, 23, 25-28, less lines 23 and 24)		WP03 WP03	\$ \$	28,423 1,128,961	D/A D/A	100.000%	<u>\$</u>	28,423 1,128,961
33 34 35 36 37 38	DEBT SERVICE Debt Service (Note L) Amortization of premium or discount (Note E) TOTAL DEBT SERVICE (Sum lines 34 and 35) Interest for Working Capital needs		WP06b	\$ \$ \$	85,838 - 85,838 74,939	TP TP	100.000% 100.000% 100.000%	\$ \$ \$	85,838 - 85,838 74,939
39 40 41 42 43	TAXES OTHER THAN INCOME TAXES (Note F) LABOR RELATED Payroll Highway and vehicle PLANT RELATED	263.i 263.i 263.i	Form 1 Form 1	\$	-	W&S W&S	100.000% 100.000%	\$ \$	-
44 45 46 47 48 49	Property specific to zone (Note M) Property allocable to zone (Note M) Other State Franchise Tax TOTAL OTHER TAXES (sum lines 41 through 47)	ATSI 263.i and WP09 263.i 263.i	WP09 WP09 Form 1 Form 1	\$ \$ \$	37,781 - - - - 37,781	D/A TP D/A D/A	100.000% 100.000% 100.000% 100.000%	\$ \$ \$	37,781 - - - 37,781
50 51 52 53	Subtotal (lines 31 + 36 + 37 + 48)  MARGIN REQUIREMENT (Note I) (WP10)	Margin factor 40% of Debt Service	40.0%		1,327,519 34,335	D/A	100.000%	\$	1,327,519 34,335
54 55 56 57 58 59	REV. REQUIREMENT (sum lines 50 and 52)  GROSS PLANT IN SERVICE Production Transmission (Note B) Distribution	207.58.g	WP01/04	\$ \$ \$ \$	1,361,854 - 1,272,505 -	NA D/A N/A	100.000%	\$	1,361,854 1,272,505 -
60 61 62 63 64 65	General & Intangible Reserved Other TOTAL GROSS PLANT (sum lines 57 - 62) TRANSMISSION PLANT % INCLUDED IN PJM COST C	205.5.g & 207.99.g DF SERVICE	WP01	\$ \$ \$	1,272,505	W&S TP TP	100.000% 100.000% 100.000%	\$ \$ \$	1,272,505
66 67 68 69 70 71	Total transmission plant Less Non-Qualifying Transmission Plant Less transmission plant included in OATT Ancillary Services Total Qualifying Transmission Plant in Service (line 67 - 68 - 69)  Percentage of PJM Qualifying transmission plant included in Cost of		WP04 WP04 WP04				TP=	\$ \$ \$	1,272,505 - - 1,272,505 100.00%

# AMP Transmission LLC Calculation of Transmission Revenue Requirements

ATSI Transmission Zone

Cash-Flow Model

#### Year Ended 12/31/2019

Attachment H-32A

Actual

Projected or Actual

Line No.		Cost of Service Item (b)	(Note A) Page, Line, Col.	Notes	Company (e)	<u>Total</u>		Allocato	r	ATSI-Area Qualifying <u>Transmission</u> (g)
		· ,	,	( )	( )			V		(e) x (f) Allocated Amount
73 74 75		TRANSMISSION EXPENSES								
76 //		Total transmission expenses (line 21+22 Column e) Less transmission expenses included in OATT Anciliary Services (Note	J)							310,905 U
78 79		Included transmission expenses (line 76 less line 77)								310,905
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	1.00000
82		Percentage of transmission expenses included in ISO Rates (line 80 time	s line 81)						TE=	1.00000
83										
84 85		WAGES & SALARY ALLOCATOR (W&S) (Note K)			\$		TP	Allocation	n	
86		Production			\$	_	0.00%	\$	<del>"</del>	
87		Transmission (WP04)			\$	1	100.00%	\$	1	
88		Distribution			\$	- '	0.00%	\$	-	W&S Allocator
89		Other			\$	-	0.00%	\$		(\$ / Allocation)
90		Total (sum lines 86-89)			\$	1		\$	1 =	100.0000% = WS
91 92										
92 93										
94				Rate Formu	ıla Template					
95				Utilizing Inform	national FERO	C Form 1	Data			
96										
97 98										
99		General Note: References to pages in this formulary rate are indicated as	: (page#, line#, col.#	<b>!</b> )						
100		References to data from Informational FERC Form 1 are indicated as: #.	y.x (page, line, colun	nn)						
101										
102 103	Notes A	AMPT will maintain and post with informational filings an Informational FE	PC Form 1							
103	В	Beginning/End year balances will match Form 1. 13-Month average bala		1. Qualifying z	onal transmis	sion inve	stment shown or	n WP04. Excluding	any Transmiss	ion AROs
105	C	The revenues credited on page 1 lines 5-9 shall include only the amounts							,,	
106		or from the ISO (for service under this tariff) reflecting the Transmission O								
107 108		include revenues associated with FERC annual charges, gross receipts to template (e.g., direct assignment facilities and GSUs) which are not recov				IS				
109	D	The True-Up adjustment is the difference between (1) the revenues received				that 12-M	lonth period after	r it is known, with in	terest	
110		Over Recoveries are entered as negative to reduce the net revenue. Und						•		
111	E	Includes amounts recorded to accounts 428 and 429.	10T 1 11							
112 113	F	Includes only FICA, unemployment, highway, property, gross receipts, PI Gross receipts taxes are not included in transmission revenue requirement						income are exclude	ea.	
114	G	Adjustments required pursuant to Section 6 of the AMPT Protocols. Refu						irement.		
115		Surcharges shall be entered as a positive number to increase the net reve								
116 117	Н	Interest required pursuant to Section 2(c) of Protocols. Interest on any re requirement. Interest on surcharge shall be entered as a positive numbe				duce the	net revenue			
118	1	Margin Factor equals .40 or 40% of debt service. Margin Requirement is				largin Fa	ctor to annual de	ebt 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 a	ncillary services rates	s, including all o	of Account No	. 561.1,	561.2,			
121 122	K	561.3 and 561.BA.  AMPT will have no wages and salaries. However, all A&G expense incurr	ed by AMPT will be 1	00% related to	AMPT Transcr	niesion				
123	L	PTRR debt service projections for zone are shown on WP06. Actual ATF					counting records	S		
124		With respect to purchased assets, principal and interest payments related							R debt service.	
125	М	If ASTI zone, entry is WP09, line Col (d) for O&M and A&G								
126 127	N	If AEP zone, entry is WP09, line Col (d) for O&M and A&G Includes amortization of pre-commercial Start-Up costs booked in account	t 182.3, approved by	the Commission	on and amortiz	zed throu	ah Account 566			
	• •		,pp.0.00 by				.,			

## Gross Plant in Service - 13 Month Average Balances

Attachment H-32A - WP01 - Plant - 2019

Page 3 of 18 Actual

Line <u>No.</u> (a)	Month (b)	<u>Year</u> (c) [A]	Production (d) 205.46.g	Transmission (e) 207.58.g	<u>Distribution</u> (f) 207.75.g	<b>General</b> (g) 207.99.g	Intangible (h) 205.5.g	<u>Total</u> (i)
1	December	2018		991,772		-	-	991,772
2	January	2019		991,772		_	_	991,772
3	February	2019		991,772		_	_	991,772
4	March	2019		1,076,952		-	-	1,076,952
5	April	2019		1,115,124		-	-	1,115,124
6	May	2019		1,111,674		-	-	1,111,674
7	June	2019		1,111,674		-	-	1,111,674
8	July	2019		1,111,674		-	-	1,111,674
9	August	2019		1,111,674		-	-	1,111,674
10	September	2019		1,649,258		-	-	1,649,258
11	October	2019		1,649,258		-	-	1,649,258
12	November	2019		1,581,013		-	-	1,581,013
13	December	2019		2,048,947		-	-	2,048,947
14								
15 16	13-month Ave	rage	-	1,272,505	-	-	-	1,272,505

		Transmission
	[A]	207.57.g
December	2018	-
lanuary	2019	-
February	2019	-
March	2019	-
April	2019	-
May	2019	-
lune	2019	-
luly	2019	-
August	2019	-
September	2019	-
October	2019	-
November	2019	-
December	2019	-

38 Notes:

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

Revenue Credits Workpaper

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#### H-32A-WP02 - Revenue Credits

Lino	Add Lines if needed			
Line <u>No.</u> (a)	REVENUE CREDITS (b)  ADD LINES AS NEED	ED FC	Amount (c) OR ADDITION	Description of Revenue Credits (d) IAL REVENUE CREDITS
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	\$	13,391	
10				
11				
12	Other Revenue Credits specific to zone	\$	9,627	PTP/Through and Out Revenues in ATSI
13				
14				
15				

Formation Cost (Start-up) Workpaper

Amortization period

Yearly Amortization

Deferred to AEP Zone (or Next Zone)

Page 5 of 18

Add Columns and lines as needed  AMP Transmission LLC 2018 Start-Up Costs	3-year Amorts Deferred from and Incurred in 2018
Up Front Costs - Deferred - Amort Acct during 2019  Consultants - Acct 566  Meetings - Acct 930  AMPT Labor/Overhead - Acct 920  Consulting/Legal - Acct 923	\$ 8,550 \$ 678 \$ 111,153 \$ 50,157
Total Up-Front Costs	\$ 170,538 See Tab "Detail of 3-Yr
Number of anticipated Transmission Zones	2 ATSI and AEP East

Other Amortizations of deferred start-up - ATSI Zone Specific - amortized in 2019				Yearly	
	<u>Total</u>	<u>term</u>		<u>Amortization</u>	See Tab "Detail of 1-Yr ATSI
2018 Cost Amortized through Account 561 NERC compliance fees/PJM fees	\$ 13,101	1	1 \$	13,101	
2018 Cost Amortized through Account 566 PJM Fees/Grid Reliability	\$ 1,744	1	1 \$	1,744	
2018 Cost Amortized through Account 920 Start-up Admin Salaries	\$ 119,914	1	1 \$	119,914	
2018 Cost Amortized through Account 923 - legal/consulting	\$ 239,761	1	1 \$	239,761	Add lines as needed
2018 Cost Amortized through Account 930 - travel/insurance	\$ 4,655	1	1 \$	4,655	
2018 Cost Amortized through Account 933	\$ 30	1	1 \$	30	
		1	1 \$	-	
		1	1 \$	-	
		1	1 \$	-	
		1	1 \$	-	
		1	1 \$	-	
		1	1 \$	-	
		1	1 \$	-	
Total 1-year Amort to ATSI zone	\$ 379,205		\$	379,205	

3 years beginning 1/1/2019

85,269 AEP zone for future request at FERC

28,423 ATSI Zone

#### Attachment H-32A - WP03 - Start-Up Costs - 2019 Actual

Other Amortizations - AEP	<u>Total</u>	<u>term</u>	Yearly ortization	Page 6 of 18
List other AEP Amortizations here	\$ -	0	\$ -	
List other AEP Amortizations here	\$ -	0	\$ -	
List other AEP Amortizations here	\$ -	0	\$ -	
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			\$ _	

Zonal Investment Workpaper

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#### Add Zones if necessary. Add lines for more project investment

Line No.		-	-
LITTE INO.			

(a)		(b)		(c)		(d)		(e)
								AMPT
		<u>ATSI</u>		<u>AEP</u>	<u>Otl</u>	ner zone		<u>Total</u>
City of Napoleon	\$	1,081,599	\$	-	\$	-	\$	1,081,59
City of Amherst	\$	154,911					\$	154,91
City of Wadsworth	\$	35,995					\$	35,99
Project 4	\$	-					\$	-
Project 5	\$	-					\$	-
	\$	-					\$	-
	\$	-					\$	-
Non-Qualifying in ATSI zone								
2nd Zone Purchase 1			\$	-			\$	-
2nd Zone area Purchase 2			\$	-			\$	-
			\$	-			\$	-
Other Non-Qualifying Facilities	\$	-	\$		\$		\$	-
Total Qualifying	\$	1,272,505	\$	_	\$	_	\$	1,272,50
, -								
Zonal Allocation		100.00%		100.00%		0.00%		
Allocated To Zone	\$	1,272,505	Ś	_	\$	_	\$	1,272,509
		_,,			•		•	_,,
Transmission Plant recovered in Ancillary Services								
<del>,,</del>								
								AMPT
		<u>ATSI</u>		<u>AEP</u>	Oth	ner Zone		<u>Total</u>
		<u>/(131</u>		7.121	<u> </u>	ici zone		Total
Amount	\$	_	\$	-	\$	_	\$	_
Amount	Y		Y		7		Υ	
Zonal Allocation		0%		0%		0%		
Zonar Anocación		070		070		070		
Allocated To Zone	\$	_	\$	_	\$	_	\$	_
Allocated to Zolic	Ţ		Ţ		Ţ		Ţ	
Wages and Salaries Proxy - Gross Plant in Each Zone								

(9,344)

#### **AMP Transmission LLC**

True-Up and Adjustments Workpaper

Page 8 of 18

#### **AMPT True-up with Interest - based on Protocols**

NITS Revenues received by PJM for the Year (Note 2) 1,422,011

Actual Revenue Requirement For Year (ATRR) 1,338,836 True-up Adjustment -(Over)/Under Recovery (83,175)

		Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund Owed
nterest Rate on Amount of Refu	nds or Surcharge	es (Note 1)	0.4333%				
As an example, an over or under	r collection will l	be recovered prorata over 2	2019, held for 2020 and re	turned prorata ove	r 2021		
Calculation of Interest					Monthly		
anuary	Year 2019	(6,931)	0.4333%	12	360		7,29
ebruary	Year 2019	(6,931)	0.4333%	11	330		7,26
March	Year 2019	(6,931)	0.4333%	10	300		7,23
pril	Year 2019	(6,931)	0.4333%	9	270		7,20
Лау	Year 2019	(6,931)	0.4333%	8	240		7,17
une	Year 2019	(6,931)	0.4333%	7	210		7,14
uly	Year 2019	(6,931)	0.4333%	6	180		7,11
ugust	Year 2019	(6,931)	0.4333%	5	150		7,08
eptember	Year 2019	(6,931)	0.4333%	4	120		7,05
ctober	Year 2019	(6,931)	0.4333%	3	90		7,02
lovember	Year 2019	(6,931)	0.4333%	2	60		6,99
ecember	Year 2019	(6,931)	0.4333%	1	30		6,96
					2,343		85,51
					Annual		
anuary through December	Year 2020	85,518	0.4333%	12	4,447		89,96
Over (Under) Recovery Plus Inte	rest Amortized	and Recovered Over 12 Mo	nth <u>s</u>		Monthly		
anuary	Year 2021	(89,965)	0.4333%		390	(7,710)	82,64
ebruary	Year 2021	(82,644)	0.4333%		358	(7,710)	75,29
March	Year 2021	(75,293)	0.4333%		326	(7,710)	67,90
pril	Year 2021	(67,909)	0.4333%		294	(7,710)	60,49
Лау	Year 2021	(60,494)	0.4333%		262	(7,710)	53,04
une	Year 2021	(53,046)	0.4333%		230	(7,710)	45,56
uly	Year 2021	(45,566)	0.4333%		197	(7,710)	38,05
ugust	Year 2021	(38,053)	0.4333%		165	(7,710)	30,50
eptember	Year 2021	(30,508)	0.4333%		132	(7,710)	22,93
October	Year 2021	(22,931)	0.4333%		99	(7,710)	15,32
lovember	Year 2021	(15,320)	0.4333%		66	(7,710)	7,67
ecember	Year 2021	(7,677)	0.4333%		33	(7,710)	
					2,554		
rue-Up with Interest						(92,519)	
ess Over (Under) Recovery						(83,175)	

#### 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.

Total Interest

Exclude any true-up amount included in the PTRR for the year being true-up

Debt Service Workpaper - Annual

Actual 2019 Page 9 of 18

## Debt Service Payments - Year End 12/31/2019

Rate Year Total Actual Projected Debt Service
2019 \$ 85,838 Includes \$13,968 of interest capitalized from 2018

For ATRR and True-up, AMPT will record actual P&I in the year and those P&I entries will be populated in H-32A, page 1, line 36

Add Additional Project Columns as needed

	Project	Project	Project	Project	Project #5	Project #6	Project #7			Project #10	Total
	#1	#2	#3	#4	#5	#6	#7			#10	Projected
	Purchase	Purchase	Purchase								
Project Name:	City of Napoleon	City of Amherst	City of Wadsworth				_				
Loan Principal:		\$ 537,584	\$ 560,230								\$ 2,112,08
Less Acquisition Premium		\$ -	\$ -								\$ -
Net Loan Principal	\$ 1,014,272	\$ 537,584	\$ 560,230								\$ 2,112,08
Loan Term (Years):	-	-	-								
Loan Start Date:	9/30/2018	8/31/2019	11/30/2019								
Loan End Date:	-	-	-								
Annual Interest Rate:	Variable	Variable	Variable								
Projected Yearly Debt Service Payment:	-	-	-								
Debt Service Schedule (Yearly)											
Year											
2019	\$ 53,050	\$ 10,528	\$ 4,119	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,69
2020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2021	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2023	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2025	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2026	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2027	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2028	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2029	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2030	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2031	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2032	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2033	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2034	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2035	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2036	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2037	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2038	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Debt Service Workpaper - Annual

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## Debt Service Payments - Year End12/31/2020

GF = "Grid Force"

Add Additional "Other" Columns as needed

	Project	Project	Project	Project	Project #5	Project #6	Project #7				Total
	#1	#2	#3	#4	#5	#6	#7				Projected
	Purchase										
Project Name:	City of Napoleon										
Loan Principal:	\$ 124,902										\$ 124,90
Less Acquisition Premium	\$ -										\$ -
Net Loan Principal	\$ 124,902										\$ 124,90
Loan Term (Years):	-										
Loan Start Date:	5/31/2019										
Loan End Date:	-										
Annual Interest Rate:	Variable										
rojected Yearly Debt Service Payment:	-										
Debt Service Schedule (Yearly)											
Year											
2019	\$4,174	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,1
2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2023	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	!
2026	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2027	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2028	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	!
2029	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	!
2031	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	:
2032	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2033	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2036	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	:
2037	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2038	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

Debt Service Workpaper - Monthly

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### Debt Service Payments - Year End12/31/2019

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

	ts											
			Project #1	Project #2	Project #3	Project #4	Project #5	Project #6	Project #7	Project #8	Project #9	Project #10
rom WP06	Total I	Debt Service Over Loan Term	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$
ebt Service Sched	dule (Monthly)											
Year		Month										
	2019	1/1/2019	\$4,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ş
	2019	2/1/2019	\$4,419	-	-	\$0	\$0	\$0	\$0	\$0	\$0	5
	2019	3/1/2019	\$4,597	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	4/1/2019	\$5,095	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	5/1/2019	\$4,435	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	6/1/2019	\$4,464	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	7/1/2019	\$5,306	_	_	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	8/1/2019	\$3,144	\$1,666	_	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	9/1/2019	\$4,733	\$2,509		\$0	\$0	\$0	\$0	\$0	\$0	
	2019	10/1/2019	\$4,528	\$2,400	_	\$0	\$0	\$0	\$0	\$0	\$0	
	2019		\$3,029	\$1,606	ć1 C72	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0	\$0	
		11/1/2019	. ,		\$1,673							
	2019	12/1/2019	\$4,428	\$2,347	\$2,446	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	1/1/2020	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	2/1/2020	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	3/1/2020	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	4/1/2020	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	5/1/2020	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	6/1/2020	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	7/1/2020	-	_	_	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	8/1/2020	_	_	_	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	9/1/2020	_			\$0	\$0	\$0	\$0	\$0	\$0	
	2020	10/1/2020				\$0	\$0	\$0 \$0	\$0	\$0	\$0	
	2020	11/1/2020	-	-	-	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
			-	-	-							
	2020	12/1/2020	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	1/1/2021	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	2/1/2021	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	3/1/2021	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	4/1/2021	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	5/1/2021	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	6/1/2021	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	7/1/2021	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	8/1/2021	_	_	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	9/1/2021	-	_	_	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	10/1/2021	_	_	_	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	11/1/2021			_	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	12/1/2021				\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
	2021		-	-	-	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
		1/1/2022	-	-	-							
	2022	2/1/2022	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	3/1/2022	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	4/1/2022	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	5/1/2022	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	6/1/2022	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	7/1/2022	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	8/1/2022	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	9/1/2022	-	-	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	10/1/2022	-	_	-	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	11/1/2022	_	_	_	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	12/1/2022	_	_	_	\$0	\$0	\$0 \$0	\$0	\$0	\$0	
	2022	1/1/2023				\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	

ADD ROWS AND COLUMNS AS NEEDED OVER TIME

Debt Service Workpaper - Monthly

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## Debt Service Payments - Year End12/31/2019

Add Additional "Other" Columns and lines as needed

Other AMPT Capitaliz			Project #1	Project #2	Project #3	Project #4	Project #5	Project #6	Project #7	Project #8	Project #9	Project #10
			110,0002					110,0000	110,0007		110,0005	
rom WP06	Tota	al Debt Service Over Loan Term	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
ebt Service Schedule (Month	nly)											
Year		Month										
	2019	1/1/2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	2/1/2019	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	3/1/2019	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	4/1/2019	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	5/1/2019	\$524	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	6/1/2019	\$550	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	7/1/2019	\$653	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	8/1/2019	\$387	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	9/1/2019	\$583	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	10/1/2019	\$558	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	11/1/2019	\$373	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2019	12/1/2019	\$545	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	1/1/2020	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	2/1/2020	_	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	3/1/2020	_	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	4/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	5/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	6/1/2020	-	\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	
	2020	7/1/2020	-	\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0		\$0 \$0	
	2020		-	\$0 \$0								
		8/1/2020	-								\$0 \$0	
	2020	9/1/2020	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	2020	10/1/2020	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	11/1/2020	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2020	12/1/2020	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	1/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	2/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	3/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	4/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	5/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	6/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	7/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	8/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	9/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	10/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	11/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2021	12/1/2021	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	1/1/2022	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	2/1/2022	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	3/1/2022	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	4/1/2022	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	5/1/2022	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	6/1/2022	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	7/1/2022	_	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	8/1/2022	_	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	2022	9/1/2022		\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0	\$0	\$0 \$0	
	2022	10/1/2022	[	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0	
	2022	11/1/2022	[	\$0 \$0								
	2022		[	\$0 \$0								
		12/1/2022	-									
	2023	1/1/2023	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

# Zonal Investment Workpaper

Line <u>No.</u> (a)	<u>Components - Description</u> (b)	Amounts (c)
1	AMPT Working Capital Loan from AMP	\$ 1,968,863
2		
3	Prime Rate	various
4		
5	Interest on Working Capital Loan <sup>1</sup>	\$ 74,939
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	

#### Transmission Enhancement Credit (Schedule 12 Projects)

To be completed in conjunction with Attachment H-32A

	(1)	(2)		(3)	(4)
Line No.		Reference	<u>Tr</u>	ansmission	<u>Allocator</u>
1	Gross Transmission Plant - Total		\$	1,272,505	
2	Net Transmission Plant - Total				
3					
4	O&M EXPENSE				
5	Total O&M Allocated to Transmission		\$	1,128,961	
6	Annual Allocation Factor for O&M			88.72%	88.72%
7					
8	DEBT SERVICE		\$	85,838	
9	Annual Allocation Factor for Debt Service			6.75%	6.75%
10					
11	MARGIN REQUIREMENT		\$	34,335	
12	Annual Allocation Factor for Margin Requirement			2.70%	2.70%
13					
14	TAXES OTHER THAN INCOME TAXES				
15	Total Other Taxes		\$	37,781	
16	Annual Allocation Factor for Other Taxes			2.97%	2.97%
17					
18	Annual Allocation Factor for Expense and Margin Requirement	Sum of line 6 through 16			101.13%
19					
20					
21	Add lines for projects as needed				
22				dit (Schedule 12 Projects	)
23		To be completed in o	conjunction	with Attachment H-32A	

16		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
					Annual							
					Allocation			Annual		Project		Annual Revenue
	Line		RTEP Project		Factor for	Annual Expense		Allocation Factor	Annual Return	Depreciation	True-up	Requirement
27	No.	Project Name	Number	Project Gross Plant	Expense	Charge	Project Net Plant	for Return	Charge	Expense	Adjustment	with True-up
											(WP08-True-up	(Sum Col. 5, 8, 9 &
28					(line 18)	(Col. 3 * Col. 4)	N/A		(Col. 6 * Col. 7)		Col. i)	10)
19												
30	1a		b	\$ -	101.13%	\$ -	N/A	0.00%	\$ -	\$ -	=	\$ -
31	1b		b	\$ -	101.13%	\$ -	N/A	0.00%	\$ -	\$ -	-	\$ -
32	1c		b	\$ -	101.13%	\$ -	N/A	0.00%	\$ -	\$ -	-	\$ -
33												
34												
35												
36												
37												

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

#### Notes

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

- В Net Transmission Plant is that identified on page 2 line 14 of Attachment H-21A.
- С 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.
- Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
  - 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.

Transmission Enhancement Credit (Schedule 12 Projects)

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#### 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	Actual TEC Revenues Allocated to Projects	Actual TEC Annual Revenue Requirement	True-up Adjustment Principal Under/(Over)	Applicable Interest on Under/(Over)	True-up Adjustment with Interest Under/(Over)
	·				[Col. c, line 1 *	•		Col. g *	
					(Col. d, line 2x /			[(line 4a / line 4b)	
				from PTRR	Col. d, line 3)]	from ATRR	Col. f - Col. e	- 1]	Col. g + Col. H
1	[A] Actual PJM TEC Revenues for True-up Year		-						
2a		b		-	-		-	-	-
2b		b		-	-		-	-	-
2c		b		-	-		-	-	-
3	Subtotal			-	-	-			
4a 4b	Revenue Requirement True-up with Interest Revenue Requirement True-up - Over/Under Recove	ery					-		

NOTE

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

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

Page 16 of 18

#### 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.	<u>ltem</u>
(a)	(b)
1	Total Transmission O&M - 2019 Actual
2	
3	Total Transmission O&M Specific to ATSI zone
4	Total Transmission O&M Specific to ATSI zone - FERC Form 1 321.112.b
5	Remove Deferred Costs Amortized through O&M Accounts
6	
7	
8	
9	Total Transmission O&M Specific to AEP zone
10	Total Transmission O&M Specific to AEP zone
11	Total Transmission O&M Specific to AEP zone
12	Total Transmission O&M Specific to AEP zone
13	Total Transmission O&M Specific to AEP zone
14	Total Transmission O&M Specific to AEP zone
15	List transmission specific to AEP zone here - add rows if necessary
16	
17	Total Transmission O&M Specific to all zones
18	List transmission specific to all zones here - add rows if necessary
19	List transmission specific to all zones here - add rows if necessary
20	List transmission specific to all zones here - add rows if necessary
21	List transmission specific to all zones here - add rows if necessary
22	List transmission specific to all zones here - add rows if necessary
23	List transmission specific to all zones here - add rows if necessary
24	List transmission specific to all zones here - add rows if necessary
25	Total Transmission O&M Specific to all zones

26 27 28

<u>For</u>	m 1 Reference (c)			Amount (d)	D€	eferred (e)	Description (f)
	321.112.b		\$ Est	327,175 . for Zone			From Informational AMPT Form 1 - ATRR True-up
	Total	Alloc		<u>ATSI</u>	<u>2n</u>	d Zone	<u>Actual</u>
\$	327,175	100%	\$	327,175	\$	-	Transmission O&M - From Form 1
\$	(16,270)	100% 100%		(16,270) - -	\$		See WP03 - account 500s 1-year amortization of start up in 2019 - and 3-yr amort
\$	310,905		\$	310,905	\$	-	sum of transmission O&M specific to ATSI zone
\$	-		\$	-	\$	-	Add description Add description
			\$	-	\$	-	Add description Add description Add description Add description
\$	-		\$	-	\$	-	sum of transmission O&M specific to AEP zone
		100% 100%	\$	-	\$ \$	-	Add description Add description
		100%		-	\$	-	Add description
		100%		-	\$	-	Add description
		100%		-	\$	-	Add description
			\$ \$	-	\$ \$	-	Add description Add description
\$	310,905		\$	310,905	\$	-	sum of transmission O&M specific to all zones

	<u>Item</u>
	(b)
Α8	G Expense - 2019 Actual
	tal A&G Specific to ATSI zone
Ad	min & General Expense Form 1 page 323.197.b
D۵	move Deferred Costs Amortized through A&G Accounts
	t A&G specific to ATSI zone here - add rows if necessary
	t A&G specific to ATSI zone here - add rows if necessary
Lis	t A&G specific to ATSI zone here - add rows if necessary
	tal A&G Specific to AEP zone
	gulatory Commission Expense - included in line 38 t A&G specific to AEP zone here - add rows if necessary
	t A&G specific to AEP zone here - add rows if necessary
	t A&G specific to AEP zone here - add rows if necessary
	t A&G specific to AEP zone here - add rows if necessary
	tal A&G Specific to all zones
	IP Labor and Overheads Allocable to the ASTI Zone t A&G specific to all zones here - add rows if necessary
	t A&G specific to all zones here - add rows if necessary
	t A&G specific to all zones here - add rows if necessary
Lis	t A&G specific to all zones here - add rows if necessary
To	al A&G Specific to all zones
Otl	ner Taxes - 2019 Actual
٠.,	101 Taxoo 2010 Addadi
	ner Taxes specific to ATSI Zone
	nry Co. Property Tax- Napoleon Assets
	ner Tax specific to ATSI zone here - add rows if necessary
	ner Tax specific to ATSI zone here - add rows if necessary ner Tax specific to ATSI zone here - add rows if necessary
	ner Tax specific to ATSI zone here - add rows if necessary
	ner Tax specific to ATSI zone here - add rows if necessary
	ner Taxes specific to 2nd Zone
	ner Tax specific to AEP zone here - add rows if necessary
	ner Tax specific to AEP zone here - add rows if necessary ner Tax specific to AEP zone here - add rows if necessary
	ner Tax specific to AEP zone here - add rows if necessary
	ner Tax specific to AEP zone here - add rows if necessary
	<u> </u>
	ner Taxes Specific to all zones
	ner Tax specific to all zones here - add rows if necessary
	ner Tax specific to all zones here - add rows if necessary
	ner Tax specific to all zones here - add rows if necessary ner Tax specific to all zones here - add rows if necessary
	ner Tax specific to all zones here - add rows if necessary
Otl	ICI TAX SPOOMO TO AN ZONES HELE - AUG TOWS II HELESSAIV

Form 1	Reference (c)			Amount (d)	_	<u>Deferred</u> (e)	Attachment H-32A - WP09 - Transmission O&M - 2019 Actual <u>Description</u> (f)
323.197	.b		\$	862,114			From Informational Form 1 for ATRR True-up, otherwise estimate for PTRR
Total 350.d							
\$	862,114		\$	862,114	\$	-	Total ATSI area A&G expense 2019 - includes \$120,657 related to AMPT formula filing that should be shared between first two zones
\$	(391,358)		\$	(391,358)		-	See WP03 - Account 900s 1-year amortization of start-up in 2019 and 3-year amort
			\$ \$	-	\$ \$	-	Add description Add description
\$	470,756		\$	470,756	\$		Add description sum of A&G specific to ATSI zone
323.189	9.b			,			<u> </u>
\$	120,657		<b>\$</b>	(60,329)	<b>\$</b> \$	60,329	FERC Docket ER19-263 - AMPT formula rate filing - 1/2 of \$120,657 to 2nd Zone Add description
			\$	-	\$ \$	-	Add description Add description
			\$		\$		Add description
\$	120,657		\$	(60,329)	\$	60,329	sum of A&G specific to AEP zone
		100%	\$	-	\$	-	AMP staff labor and overhead
			\$	_	\$ \$		Add description Add description
			\$	_	\$	_	Add description
			\$	-	\$	-	Add description
\$	-		\$	410,427	\$	60,329	sum of A&G specific to all zones
263.i \$	37,781		\$	37,781			From Informational Form 1 for ATRR True-up, otherwise estimate for PTRR
263.i.1							•
\$	37,781		\$	37,781	\$	-	Form 1 page 262 - Napoleon Assets property tax
			\$	-	\$	-	Add description
			\$	-	\$ \$		Add description Add description
			Ψ	-	\$	-	Add description
			\$		\$	-	Add description
\$	37,781		\$	37,781	\$	-	sum of Other Taxes specific to ATSI zone
			\$	-	\$	-	Add description
			\$	-	\$	-	Add description
			\$	-	\$ \$	-	Add description
			\$		\$ \$		Add description Add description
			\$	-	\$	-	sum of Other Taxes specific to AEP zone
			\$	-	\$	-	Add description
			\$	-	\$	-	Add description
			\$	-	\$	-	Add description
			\$	-	\$	-	Add description
			\$	-	\$		Add description
			\$	-	ъ	-	sum of Other Taxes specific to all zones

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# **AMP Transmission LLC**

# **Development of Margin Requirement**

Line			
No.	Item 12-Mo	onth Period=	2019
(a)	(b)		(c)
_			4460 777
1	Debt Service Payments <sup>1</sup>		\$160,777
2			
3	Less:		
4	Interest on Working Capital Loans (WP06b)		\$ 74,939
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 thorugh 7)		\$ 85,838
10	Margin Factor (fixed)		40%
11	Margin Requirement (line 9 x line 10) - To H-32A line		\$ 34,335
12			
13	Notes:		
14	1. Excludes any Debt Service related to Acquisition Adjustments if any per WP06		

## American Municipal Power Transmission 3 Year Deferred Start Up Costs As of 12/31/2019

			50/50 Split		1/3 ATSI Amount	
		Amount			2019	Amortization
Month Recorded	Description	Defferred	ATSI Amount	Second Zone	Amortization	Account
December-17	Consulting	1,067.50	533.75	533.75	177.92	923
December-17	Labor	438.16	219.08	219.08	73.03	920
September-19	Labor	110,714.80	55,357.40	55,357.40	18,452.47	920
October-19	Consulting	8,550.02	4,275.01	4,275.01	1,425.00	566
October-19	Legal	46,963.00	23,481.50	23,481.50	7,827.17	923
October-19	PJM meeting	678.08	339.04	339.04	113.01	930
December-19	Legal	2,126.70	1,063.35	1,063.35	354.45	923
		170,538.26	85,269.13	85,269.13	28,423.04	

See WP03

## American Municipal Power Transmission 1 Year Deferred Start Up Costs As of 12/31/2019

			100% ATSI Amount	
			2019	Amortization
Month Recorded	Description	Amount Defferred	Amortization	Account
9/1/2018	Labor	2,800.68	2,800.68	920
9/1/2018	Consultants	69,825.47	69,825.47	923
9/1/2018	Travel	103.55	103.55	930
9/1/2018	Other	103.91	103.91	930
9/1/2018	Auto Expense Gas	29.86	29.86	933
9/30/2018	Labor	553.50	553.50	920
10/1/2018	Fees and License Exp	1,125.00	1,125.00	566
10/1/2018	Trans Consulting Exp	618.75	618.75	566
10/1/2018	Labor	27,257.26	27,257.26	920
10/1/2018	Consultants	40,291.01	40,291.01	923
10/1/2018	Purchased Services Legal	29,505.33	29,505.33	923
10/1/2018	Travel	131.24	131.24	930
10/1/2018	Other	42.45	42.45	930
11/1/2018	Labor	397.12	397.12	920
11/1/2018	Fixed Exp Insurance	2,381.25	2,381.25	930
12/1/2018	PJM Interconnection	5,382.34	5,382.34	561
12/1/2018	Labor	55,226.64	55,226.64	920
12/1/2018	Consultants	3,515.39	3,515.39	923
12/1/2018	Travel	144.97	144.97	930
12/1/2018	Meals And Entertainment	785.14	785.14	930
12/1/2018	Fixed Exp Insurance	793.75	793.75	930
Nov 18/Dec 18	Labor	14,565.42	14,565.42	920
Nov 18/Dec 18/Jan 19	Labor	9,969.15	9,969.15	920
Nov-18/Dec-18	Labor	794.23	794.23	920
Sept-18/Nov-18/Dec-18	Labor	8,349.78	8,349.78	920
1/19/2019	NERC Compliance Consulting	5,718.43	5,718.43	561
1/31/2019	Consultants	28,191.55	28,191.55	923
2/1/2019	Consultants	1,997.75	1,997.75	923
2/19/2019	NERC Compliance Consulting	2,000.00	2,000.00	561
2/28/2019	Consultants	52,338.25	52,338.25	923
2/28/2019	Travel	168.95	168.95	930
3/1/2019	Consultants	2,756.25	2,756.25	923
9/30/2019	Consultants	11,340.27	11,340.27	923
	-	379,204.64	379,204.64	
	- -			

## Summary

2018 Cost Amortized through Account 561 NERC compliance fees/PJM fees	13,100.77
2018 Cost Amortized through Account 566 PJM Fees/Consulting	1,743.75
2018 Cost Amortized through Account 920 Start-up Admin Salaries	119,913.78
2018 Cost Amortized through Account 923 - legal/consulting	239,761.27
2018 Cost Amortized through Account 930 - travel/insurance	4,655.21
2018 Cost Amortized through Account 933 - travel expense	<u>29.86</u>
	379,204.64