

September 21, 2020

Filed via eTariff

Hon. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

RE: *PJM Interconnection, L.L.C.*
AMP Transmission LLC,
Docket No. ER20-2942-000

Dear Secretary Bose:

Pursuant to Section 205 of the Federal Power Act, 16 U.S.C. § 824d, and Section 35.13 of the Commission's Regulations, 18 C.F.R. § 35.13, PJM Interconnection, L.L.C. ("PJM") hereby submits on behalf of AMP Transmission, LLC ("AMPT") corrections to the transmission formula rate ("Formula Rate") designed to recover AMPT's transmission revenue requirement through zonal transmission charges under PJM's Open Access Transmission Tariff ("PJM OATT") for integrated transmission facilities owned or leased by AMPT within a PJM Transmission Zone.¹ These corrections affect AMPT's formula rate template ("Template"), which is in effect as Attachment H-32A to the PJM OATT for the purpose of calculating AMPT's annual transmission revenue requirement for its integrated transmission facilities. AMPT requests that these corrections be made effective as of January 1, 2019, when Attachment H-32A was made effective by Commission order, as explained below.

I. BACKGROUND

On November 1, 2018, AMPT and PJM jointly filed AMPT's Formula Rate² in FERC Docket No. ER19-263-000. By order dated March 26, 2019, the Commission accepted AMPT's proposed Formula Rate and allowed it to become effective subject to condition effective January 1, 2019.³ On April 25, 2019, AMPT submitted a compliance filing that satisfied the conditions set forth in the

¹ Pursuant to Order No. 714, this filing is being submitted by PJM on behalf of AMPT as part of an XML filing package that conforms with the Commission's regulations. PJM has agreed to make all filings on behalf of the PJM Transmission Owners in order to retain administrative control over the PJM OATT. Thus, AMPT has requested that PJM submit this filing in the eTariff system as part of PJM's electronic Intra PJM OATT.

² AMPT's Formula Rate comprises: (1) the Template (Attachment H-32A to the PJM OATT), which consists of a set of inter-related spreadsheets that calculate AMPT's annual transmission revenue requirement; (2) AMPT's formula rate implementation protocols (Attachment H-32B to the PJM OATT); and (3) Attachments H-32 and H-32C to the PJM OATT, which specify how AMPT's annual transmission revenue requirement and associated rate for one or more specific PJM Transmission Zones will be determined, billed and collected.

³ Order on Transmission Formula Rate Proposal, *PJM Interconnection, L.L.C. and AMP Transmission, LLC*, 166 FERC ¶ 61,216 (2019).

March 26, 2019 order. By letter order dated August 13, 2019, the Commission accepted AMPT's compliance filing, finding that it "satisfactorily complies with the requirements of the Commission's March 26, 2019 Order."⁴

AMPT's Formula Rate has been in effect since January 1, 2019. Currently, PJM applies the AMPT Formula Rate for the purpose of recovering AMPT's annual transmission revenue requirement for integrated transmission facilities owned by AMPT in the American Transmission Systems, Incorporated ("ATSI") Zone of PJM. The charges that were collected from ATSI Zone transmission customers during 2019 are subject to a "true-up" to AMPT's actual 2019 transmission revenue requirement.⁵ In the course of reviewing its 2019 costs and revenues for the true-up adjustment, AMPT became aware of a cross-referencing error in the formula rate template that could cause a shortfall in AMPT's recovery of its actual costs when the template is used to calculate charges for AMPT facilities in more than one PJM transmission zone.⁶ Discovery of that error prompted AMPT to undertake a thorough review of the Template, which led to the discovery of three other cross-referencing errors that warrant correction. These errors are discussed in more detail below. The purpose of this filing is to correct the erroneous cross-references in the AMPT Template in order to ensure the Template operates in a manner consistent with the intent of the Formula Rate.

II. DESCRIPTION OF TEMPLATE CORRECTIONS

AMPT provides below a table that sets forth the Template corrections being submitted through this filing and a brief explanation of each correction. In addition, AMPT includes as Attachment 1 to this submittal a redline version of its Template and as Attachment 2 a clean version of its Template as it is proposed to be modified. The redline version of the Template shows the changes to the currently effective version of Attachment H-32A of the PJM Tariff that are proposed in this filing.

⁴ Letter Order, *PJM Interconnection, L.L.C. and AMP Transmission, LLC*, Docket No. ER19-263-002 (August 13, 2019).

⁵ AMPT's projected transmission revenue requirement ("PTRR") for 2019 was included in the AMPT/PJM filing of November 1, 2018. AMPT's actual transmission revenue requirement ("ATRR") for 2019 was posted on PJM's website on June 1, 2020. Pursuant to AMPT's formula rate implementation protocols, the difference between the revenues collected through charges based on the 2019 PTRR and the 2019 ATRR will constitute the "True Up Adjustment" for 2019. That adjustment then will be included as an addition or reduction to the 2021 PTRR that AMPT will post later this year, and that will form the basis for charges collected during 2021.

⁶ Currently, AMPT's template is used to calculate charges only for AMPT facilities located in the ATSI Zone of PJM. AMPT anticipates that its template will be used to calculate charges for AMPT facilities located in other PJM transmission zones, as well. See Order on Transmission Formula Rate Proposal, *PJM Interconnection, L.L.C. and AMP Transmission, LLC*, *supra* note 3, 166 FERC ¶ 61,216 at P 4.

ITEM	LOCATION WITHIN ATTACHMENT H-32A	CORRECTION	EXPLANATION
1.	Page 1, line 31, column (b)	<u>Delete:</u> “Total O&M (sum lines 21, 23, 25-28, less lines 23 and 24)” <u>Insert:</u> “Total O&M (sum lines 21, 22, 25-30, less lines 23 and 24)”	Cross-references inadvertently omitted lines that set forth values intended to be included in “Total O&M”.
2.	Page 2, lines 124 and 125 (Note M)	<u>Delete:</u> “If ASTI zone, entry is WP09, line Col (d) for O&M and A&G If AEP zone, entry is WP09, line Col (d) for O&M and A&G” <u>Insert:</u> “O&M and A&G and Property Other Taxes values taken from the column in WP09 that corresponds to the zone.”	Cross-reference to “WP09, line Col (d) for O&M and A&G” fails to recognize that costs reported for different zones will not be stated in the same column on WP09. Rewording also allows the note to apply properly for zones other than AEP where AMPT may own facilities in the future.
3.	Page 7, line 30	<u>Delete:</u> “Line 12 (a, b, or c) divided by Line 12(e)” <u>Insert:</u> “Line 12 (b, c or d) divided by Line 12(e)”	Reference to columns “a, b or c” was incorrect. The correct reference is to columns “b, c, or d”.
4.	Pages 8a and 8b, in the column headed “Average Monthly Interest Rate Amortization”	<u>Delete:</u> “0.3542%” <u>Insert:</u> “(Note 1)”	The as-filed version of the Template includes an historical average interest rate as a “hard coded” value. Cross-reference to Note 1 correctly reflects that, in practice, the interest rate applied in a given period will be calculated in accordance with section 2(c) of AMPT’s formula rate protocols (PJM OATT Attachment H-32B).

III. EFFECT OF THE PROPOSED TEMPLATE CORRECTIONS

Item 1: The purpose of the correction designated Item 1 in the above table is to ensure that AMPT recovers from transmission customers in the PJM transmission zones in which it owns (or leases) facilities the full set of costs comprising AMPT's "Total O&M" during any rate year. The as-filed Template inadvertently omitted from the text at line 31 references to certain lines that present costs which also comprise part of Total O&M. The correction to the references at line 31 ensures full recovery of AMPT's Total O&M, consistent with the intent of the Template and the description of the Template included in the November 1, 2018 filing,

In the course of AMPT's further review of the Template, AMPT also identified an inconsistency between the text description set out at line 31 of the Template and the formula underlying the cell at line 31, column (g) in the spreadsheet used to calculate charges pursuant to Attachment H-32A. Specifically, the formula in the spreadsheet excluded line 25 from the summation of the O&M and A&G components in column (g), even though line 25 is included in the list of lines included in the text describing the calculation of line 31. AMPT proposes to correct this error and conform the formula underlying the cell that sums all O&M and A&G components (line 31, column (g)) with the as-corrected list of line items that comprise Total O&M. As with the other corrections proposed in this filing, AMPT proposes to correct this error in the formula for revenue requirement calculations effected on and after January 1, 2019. This correction to the formula, however, would have no effect on the calculation of charges billed as the 2019 PTRR or on the true-up adjustment for 2019. That is because, in the 2019 PTRR and ATRR calculations, AMPT had no costs included on line 25; therefore, the inadvertent omission of line 25 from the calculation of the value in row 31, column (g) had no effect on the PTRR or the ATRR for 2019. In calculating the 2020 PTRR, however, AMPT assumed it would own facilities (and collect its revenue requirement for those facilities) in a second PJM transmission zone, so costs *were* included for 2020 on line 25 of the spreadsheet. Due to the above-described error in the formula for the cell at line 31, column (g), the 2020 PTRR was understated by the amount included on line 25, which for 2020 is \$696,511. Consistent with its formula rate implementation protocols, AMPT intends to include this amount in the true-up adjustment for 2020 that will be factored into the calculation of charges collected during 2022. The correction also will be effective for all other future PTRR and ATRR calculations.

Items 2-4: The corrections designated Items 2, 3, and 4 in the above table simply correct erroneous cross-references in the Template; these corrections conform the Template to the intent of the AMPT Formula Rate⁷ and have no effect on the calculation of AMPT's transmission revenue requirement, either projected or actual.

IV. PROPOSED EFFECTIVE DATE FOR TEMPLATE CORRECTIONS

AMPT requests that its proposed corrections to the AMPT Template be made effective on the same date on which the Template itself became effective—January 1, 2019. This proposed effective date is appropriate since, in the absence of the proposed corrections (and, specifically, the correction designated Item 1 above), AMPT might be deprived of the recovery of its full ATRR when it has revenue requirements in more than one PJM zone. Granting AMPT's request for a January 1, 2019 effective date for the corrections herein filed also would be consistent with relief granted by

⁷ Item 4 also conforms the Template to the AMPT formula rate implementation protocols by requiring use of a refund interest rate that is recalculated as necessary to reflect changes in interest rates.

the Commission in similar circumstances. *See, e.g., Midcontinent Indep. System Operator, Inc. and Entergy Services, Inc.*, 157 FERC ¶ 61,199 (2016) (allowing corrections to formula rate template to take effect on the same date as the template itself, and rejecting arguments that the corrections should be allowed to take effect only on a prospective basis).

V. WAIVERS

To the extent the Commission may deem it necessary, AMPT hereby requests a waiver of the Commission's notice regulations in order to permit the proposed Template corrections to become effective on January 1, 2019. Waiver of the notice requirements would be appropriate in the circumstances presented, which involve a one-time accommodation with a narrow effect—namely, ensuring that the AMPT Template fully recovers AMPT's costs consistent with the purpose of the AMPT Formula Rate and the descriptions in AMPT's November 1, 2018 filing.

AMPT also requests waiver of such other Commission regulations as may be necessary, under the circumstances presented, to grant the relief requested herein.

VI. ATTACHMENTS TO THE FILING

In addition to this transmittal letter, the following materials are submitted with this filing:

ATTACHMENT 1: Attachment H-32A to the PJM OATT (marked)

ATTACHMENT 2: Attachment H-32A to the PJM OATT (clean)

VII. COMMUNICATIONS

AMPT requests that communications concerning the instant filing be directed to the persons listed below (with electronic service as noted) and that the listed persons be included on the Commission's service list for this proceeding:

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* Electronic service requested

VIII. SERVICE OF FILING

PJM has served a copy of this filing on all PJM Members and on all state utility regulatory commissions in the PJM Region by posting this filing electronically. In accordance with the

Commission's regulations,⁸ PJM will post a copy of this filing to the FERC filings section of its internet site, located at the following link: <http://www.pjm.com/documents/ferc-manuals/ferc-filings.aspx> with a specific link to the newly filed document, and will send an e-mail on the same date as this filing to all PJM Members and all state utility regulatory commissions in the PJM Region⁹ alerting them that this filing has been made by PJM and is available by following such link. If the document is not immediately available by using the referenced link, the document will be available through the referenced link within 24 hours of the filing. Also, a copy of this filing will be available on the Commission's eLibrary website located at the following link: <http://www.ferc.gov/docs-filing/elibrary.asp> in accordance with the Commission's regulations and Order No. 714.

IX. REQUISITE AGREEMENT

The revisions to the PJM OATT submitted in this filing do not require any contracts or agreements with any other party.

X. CONCLUSION

AMPT submits that the Template corrections submitted in this filing should be accepted by the Commission and permitted to become effective, without suspension or modification, as of January 1, 2019.

Respectfully submitted,

AMP Transmission LLC

By: /s/ Gary J. Newell
Gary J. Newell
Jennings Strouss & Salmon, PLC
1350 I Street, N.W., Suite 810
Washington, DC 20005-3305
Attorney for AMP Transmission, LLC

Attachments

⁸ See 18 C.F.R. §§ 35.2(e), 385.2010(f)(3).

⁹ PJM already maintains, updates and regularly uses e-mail lists for all PJM Members and affected state commissions.

Marked Tariff

AMP Transmission LLC
Calculation of Transmission Revenue Requirements
Transmission Zone
 Cash-Flow Model
 Year Ended XX/XX/20
 Projected or Actual

Projected ___-Area

Line No. (a)	Cost of Service Item (b)	(Note A) Page, Line, Col. (c)	Notes (d)	Company Total (e)	Allocator (f)	Qualifying Transmission (g) (e) x (f) Allocated Amount
1	GROSS REVENUE REQUIREMENT (line 54)					\$ -
2						
3						
4	REVENUE CREDITS	(Note C)		Total	Allocator	
5	Account No. 454	WP02		\$ -	TP 0.000%	\$ -
6	Account No. 456	WP02		\$ -	TP 0.000%	\$ -
7	Revenue Credits Specific to zone	WP02		\$ -	D/A 100.00%	\$ -
8	Reserved			\$ -	TP 0.000%	\$ -
9	Transmission Enhancement Credit	WP07		\$ -	TP 0.000%	\$ -
10	TOTAL REVENUE CREDITS (sum lines 5-9)					\$ -
11						
12	TRUE-UP ADJUSTMENT WITH INTEREST (Protocols)	(Note D) WP05				\$ -
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					\$ -
17a	DIVISOR					
17b	1 Coincident Peak (CP) (MW) - Enter Zone Name					- MW
17c	Annual Network Rate (\$/MW/Yr) (Line 17 / Line 17b)					\$ - 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 0.000%	\$ -
22	Transmission O&M Specific to zone (Note M)	Zone in title	WP09	\$ -	D/A 100.00%	\$ -
23	Less Account 565	321.96.b	Form 1	\$ -	TP 0.000%	\$ -
24	Less: Account 561.2 Load Dispatch - Monitor and Operate Trans System through Schedule 1A	321.86.b	Form 1	\$ -	TP 0.000%	\$ -
25	A&G allocable to zone (Note M)	323.197.b and WP09	WP09	\$ -	W&S 100.000%	\$ -
26	A&G Specific to zone (Note M)		WP09	\$ -	W&S 100.000%	\$ -
27	Other Amortizations - _____ current Zone (Note N)		WP03	\$ -	D/A 100.000%	\$ -
28	Other Amortizations - _____ other Zone (Note N)		WP03	\$ -	N/A 0.000%	\$ -
29	Other Amortizations - All zones		WP03	\$ -	D/A 100.000%	\$ -
30	Amortization of Start-Up Costs to zone (Note N)		WP03	\$ -	D/A 100.000%	\$ -
31	TOTAL O&M (sum lines 21, 22,23 , 25- 30,28 , less lines 23 and 24)					\$ -
32						
33	DEBT SERVICE					
34	Debt Service (Note L)		WP06	\$ -	TP 0.000%	\$ -
35	Amortization of premium or discount (Note E)			\$ -	TP 0.000%	\$ -
36	TOTAL DEBT SERVICE (Sum lines 34 and 35)			\$ -		\$ -
37	Interest for Working Capital needs		WP06b	\$ -	TP 0.000%	\$ -
38						
39	TAXES OTHER THAN INCOME TAXES (Note F)					
40	LABOR RELATED					
41	Payroll	263.i	Form 1	\$ -	W&S 100.000%	\$ -
42	Highway and vehicle	263.i	Form 1	\$ -	W&S 100.000%	\$ -
43	PLANT RELATED	263.i				
44	Property specific to zone (Note M)	Reference zone	WP09	\$ -	D/A 100.000%	\$ -
45	Property allocable to zone (Note M)	263.i and WP09	WP09	\$ -	TP 0.000%	\$ -
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)			\$ -		\$ -
49						
50	Subtotal (lines 31 + 36 + 37 + 48)			\$ -		\$ -
51		<u>Margin factor</u>				
52	MARGIN REQUIREMENT (Note I)(WP10)	40% of Debt Service	40.0%	\$ -	D/A 100.000%	\$ -
53						
54	REV. REQUIREMENT (sum lines 50 and 52)			\$ -		\$ -
55						
56	GROSS PLANT IN SERVICE					
57	Production			\$ -	NA	\$ -
58	Transmission (Note B)	207.58.g	WP01/04	\$ -	D/A 100.000%	\$ -
59	Distribution			\$ -	N/A 0.000%	\$ -
60	General & Intangible	205.5.g & 207.99.g	WP01	\$ -	W&S 100.000%	\$ -
61	Reserved			\$ -	TP 0.000%	\$ -
62	Other			\$ -	TP 0.000%	\$ -
63	TOTAL GROSS PLANT (sum lines 57 - 62)			\$ -		\$ -
64						
65	TRANSMISSION PLANT % INCLUDED IN PJM COST OF SERVICE					
66						
67	Total transmission plant		WP04			\$ -
68	Less Non-Qualifying Transmission Plant		WP04			\$ -
69	Less transmission plant included in OATT Ancillary Services		WP04			\$ -
70	Total Qualifying Transmission Plant in Service (line 67 - 68 - 69)					\$ -
71						
72	Percentage of PJM Qualifying transmission plant included in Cost of Service (line 70 / line 67)					TP= 0.000%

AMP Transmission LLC
 Calculation of Transmission Revenue Requirements
 Transmission Zone
 Cash-Flow Model
 Year Ended XX/XX/20
 Projected or Actual

Projected -Area

Line No. (a)	Cost of Service Item (b)	(Note A) Page, Line, Col. (c)	Notes (d)	Company Total (e)	Allocator (f)	Qualifying Transmission (g) (e) x (f) Allocated Amount
73	TRANSMISSION EXPENSES					
74						
75						
76	Total transmission expenses (line 21+22 Column e)					\$ -
77	Less transmission expenses included in OATT Ancillary Services (Note J)					\$ -
78	Included transmission expenses (line 76 less line 77)					\$ -
79						
80	Percentage of transmission expenses after adjustment (line 78 divided by line 76)					0.000%
81	Percentage of transmission plant included in ISO Rates (line 72)				TP	0.000%
82	Percentage of transmission expenses included in ISO Rates (line 80 times line 81)				TE=	0.000%
83						
84						
85	WAGES & SALARY ALLOCATOR (W&S) (Note K)			\$	TP Allocation	
86	Production			\$ -	0.000%	\$ -
87	Transmission (WP04)			\$ 1	100.000%	\$ 1
88	Distribution			\$ -	0.000%	\$ -
89	Other			\$ -	0.000%	\$ -
90	Total (sum lines 86-89)			\$ 1		\$ 1 =
91						= WS 100.000%

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 C 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.
- 107 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.
- 108 D The True-Up adjustment is the difference between (1) the revenues received for the twelve month period and (2) the ATRR for that twelve month period after it is known, with interest
- 109 D Over Recoveries are entered as negative to reduce the net revenue. Under recoveries are entered as Positive to increase the net revenue.
- 110 E Includes amounts recorded to accounts 428 and 429.
- 111 F Includes only FICA, unemployment, highway, property, gross receipts, PILOT, and other assessments charged in the current year. Taxes related to income are excluded.
- 112 G Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- 113 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. Surcharges shall be entered as a positive number to increase the net revenue requirement.
- 114 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.
- 115 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.
- 116 I The Margin Factor can only be changed by Order of the Commission
- 117 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.
- 118 K AMPT will have no wages and salaries. However, all A&G expense incurred by AMPT will be 100% related to AMPT Transmission
- 119 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
- 120 M ~~If ASTI zone, entry is WP09, line Col (d) for O&M and A&G. O&M and A&G and Property Other Taxes values taken from the column in WP09 that corresponds to the zone.~~
- 121 M ~~If AEP zone, entry is WP09, line Col (d) for O&M and A&G~~
- 122 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
Projected

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	Month 1	20XX						
2	Month 2	20XX						
3	Month 3	20XX						
4	Month 4	20XX						
5	Month 5	20XX						
6	Month 6	20XX						
7	Month 7	20XX						
8	Month 8	20XX						
9	Month 9	20XX						
10	Month 10	20XX						
11	Month 11	20XX						
12	Month 12	20XX						
13	Month 13	20XX						

14
15 13-month
16
17

Asset Retirement Cost for Transmission Plant

Line No.	Month	Year	Transmission
18		[A]	207.57.g
19			
20			
21			
22	Month 1	20XX	-
23	Month 2	20XX	-
24	Month 3	20XX	-
25	Month 4	20XX	-
26	Month 5	20XX	-
27	Month 6	20XX	-
28	Month 7	20XX	-
29	Month 8	20XX	-
30	Month 9	20XX	-
31	Month 10	20XX	-
32	Month 11	20XX	-
33	Month 12	20XX	-
34	Month 13	20XX	-

35
36 13-month Average

37
38 Notes:

39 [A] Reference for December balances as would be reported in FERC Form 1. Whether used in a PJM transmission zone with a
40 calendar year or non-calendar year rate period, AMPT will always forecast and true-up to the calendar/financial year because
41 the AMPT revenue requirement is ultimately determined using values reported by AMPT in the format of the FERC Form 1.

**AMP Transmission
LLC**
Revenue Credits Workpaper

H-32A-WP02 - Revenue Credits

Add Lines if needed

Line

<u>No.</u>	<u>REVENUE CREDITS</u>	<u>Amount</u>	<u>Description of Revenue Credits</u>
(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	<u>\$</u>	<u>-</u>
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	<u>\$</u>	<u>-</u>
9	Account No. 456 Revenue Credits allocable to all zones	\$	-
10			
11			
12	Other Revenue Credits specific to zone	\$	-
13			
14			
15			

AMP Transmission LLC
Formation Cost (Start-up) Workpaper

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		
Legal :	\$	
Legal :	\$	
Legal :	\$	
Legal:	\$	
Legal :	\$	
Total Legal consultant	\$	
Travel, Meals	\$	
AMP Labor/Overhead consultant	\$	
PJM Application fee	\$	
Legal	\$	
Legal	\$	
Legal	\$	
Total Up-Front Costs	\$	
Number of anticipated Transmission Zones	2	ATSI and AEP East
Amortization period	3	years beginning 1/1/20XX
Yearly Amortization	\$	ATSI Zone
Deferred to AEP Zone (or Next Zone)	\$	AEP zone for future request at FERC

Other Amortizations of deferred start-up – ATSI Zone Specific

	<u>Total</u>	<u>Term</u>	<u>Yearly Amortization</u>
Legal		1	
Consulting		1	
Consulting		1	Add lines as needed
PJM		1	
Consulting		1	
O&M Napoleon rest of 2018 estimate		1	
Travel/Meals/Insurance		1	
AMP Labor/Overhead		1	
Fourth quarter 2018 interest on Napoleon Loan		1	
legal		1	
Legal		1	
legal		1	
Total 1-year Amort to ATSI zone			

ADD LINES AND CATEGORIES AS NEEDED

Other Amortizations - AEP

	<u>Total</u>	<u>term</u>	<u>Yearly Amortization</u>	
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
Total AEP zonal Amortizations			\$ -	

Add lines as needed

AMP Labor – Start-up amortization over 3 or 1 years.

LABOR FOR SEPT_DEC

AMP Labor Hours	% Time	Hours	Expenses	
1	10%	52		3 months remaining
2	10%	52		
3	50%	260		
4	35%	182		
5	90%	468		
6	10%	52		
7	10%	52		
8	10%	52		
9	5%	26		
10	20%	104		
11	20%	104		
12	5%	26		
13	5%	26		
14	20%	104		
15	20%	104		
16	5%	26	Blended Rate	

LABOR HOURS		\$	75.00
1690		-	
LABOR EXPENSES	41%	\$	
\$			
Labor Overhead		\$	
		\$	Budget for Oct - Dec 2018

\$ Actuals thru September
 \$ Budget October - December based on AMP % allocation
 \$ Total

But, 3 vs 1 year split is thru August!
 So, \$ - /9*8 = actual thru August \$
 Half goes to 3 year, half to 1 \$
 Remainder goes to ATSI; \$

ADD LINES AND CATEGORIES AS NEEDED

AMP Transmission LLC

Zonal Investment Workpaper

Add Zones if necessary. Add lines for more project investment

Line
No.

Line No.	(a)	(b)	(c)	(d)	(e)
		<u>ATSI</u>	<u>AEP</u>	<u>Other zone</u>	<u>AMPT Total</u>
1	<u>AMPT Transmission Investment - Gross Plant</u>				
2					
3					
4					
5					
6	City of Napoleon Assets	\$	\$	\$	\$
7	Non-Qualifying	\$ -	\$ -	\$ -	\$ -
8	Total Qualifying	\$	\$	-	\$
9		\$			
10	Zonal Allocation	100%	0%	0%	
11					
12	Allocated To Zone	\$	\$	-	\$
13					
14					
15	<u>Transmission Plant recovered in Ancillary Services</u>				
16					
17					
18					AMPT
19		<u>ATSI</u>	<u>AEP</u>	<u>Other Zone</u>	<u>Total</u>
20					
21	Amount	\$ -	\$ -	\$ -	\$ -
22					
23	Zone Allocation	0%	0%	0%	
24					
25	Allocated to Zone	\$ -	\$ -	\$ -	\$ -
26					
27					
28	<u>Wages and Salaries Proxy – Gross Plant in Each Zone</u>				
29					
30	Line 12 (a, b, or c <u>b, c or d</u>) divided by Line 12(e)	100.0%	0.0%	0.0%	

**AMP Transmission
LLC**
True-Up and Adjustments Worksheet

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
\$	-	\$
=		
\$	-	-

Over (Under) Recovery Plus Interest	Average Monthly Interest Rate Amortization	Months	Calculated Interest	Surcharge (Refund) Owed
-------------------------------------	--	--------	---------------------	-------------------------

Interest Rate on Amount of Refunds or Surcharges (Note 1) 0.3542%(Note 1)

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
January	Year 2019	-	0.3542%(Note 1)	12
February	Year 2019	-	0.3542%(Note 1)	11
March	Year 2019	-	0.3542%(Note 1)	10
April	Year 2019	-	0.3542%(Note 1)	9
May	Year 2019	-	0.3542%(Note 1)	8
June	Year 2019	-	0.3542%(Note 1)	7
July	Year 2019	-	0.3542%(Note 1)	6
August	Year 2019	-	0.3542%(Note 1)	5
September	Year 2019	-	0.3542%(Note 1)	4
October	Year 2019	-	0.3542%(Note 1)	3
November	Year 2019	-	0.3542%(Note 1)	2
December	Year 2019	-	0.3542%(Note 1)	1
				Annual
January through December	Year 2020	-	0.3542%(Note 1)	12

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

				Monthly	
January	Year 2021	-	0.3542%(Note 1)	-	-
February	Year 2021	-	0.3542%(Note 1)	-	-
March	Year 2021	-	0.3542%(Note 1)	-	-
April	Year 2021	-	0.3542%(Note 1)	-	-
May	Year 2021	-	0.3542%(Note 1)	-	-
June	Year 2021	-	0.3542%(Note 1)	-	-
July	Year 2021	-	0.3542%(Note 1)	-	-
August	Year 2021	-	0.3542%(Note 1)	-	-
September	Year 2021	-	0.3542%(Note 1)	-	-
October	Year 2021	-	0.3542%(Note 1)	-	-
November	Year 2021	-	0.3542%(Note 1)	-	-
December	Year 2021	-	0.3542%(Note 1)	-	-
					-

True-Up with Interest \$
 Less Over (Under) Recovery \$

Total Interest
\$

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 - Annual

Projections
Page 9 of 18

Debt Service Payments - Year End XX/XX/20XX

Rate Year	Total Projected	Actual Debt Service
20XX	\$0	\$0

for PTRR - to line 34 of Attachment H-32A

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

AMPT Projects	Project #1	Project #2	Project #3	Project #4	Project #5	Project #6	Project #7	Project #8	Project #9	Project #10	Total Projected
Project Name:											
Loan Principal:											
Less Acquisition Premium	\$0										\$0
Net Loan Principal											
Loan Term (Years):											
Start Date:											
Loan End Date:											
Annual Interest Rate:											
Rate: Projected Yearly Debt Service											
Debt Service Schedule (Yearly)											
Year											
2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2023	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2026	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2027	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2028	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2029	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2031	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2032	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2033	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2036	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2037	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2038	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

AMP Transmission LLC
Debt Service Workpaper - Annual

Debt Service Payments - Year End XX/XX/20XX

Add Additional "Other" Columns as needed

Other AMPT Capitalized Equipment											
	Project #1	Project #2	Project #3	Project #4	Project #5 #5	Project #6 #6	Project #7 #7	Project #8 #8	Project #9 #9	Project #10 #10	Total Projected
Project Name:											
Loan Principal:											
Less Acquisition Premium											\$0
Net Loan Principal											
Loan Term (Years):											
Loan Start Date:											
Loan End Date:											
Annual Interest Rate: Projected Yearly Debt Service											
Debt Service Schedule (Yearly)											
Year											
2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2023	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2026	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2027	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2028	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2029	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2031	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2032	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2033	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2036	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2037	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2038	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

AMP Transmission LLC
Debt Service Workpaper - Monthly

Debt Service Payments - Year EndXX/XX/20XX

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			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											
2019	1/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	2/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	3/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	4/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	5/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	6/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	7/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	8/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	9/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	10/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	11/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	12/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	1/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	2/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	3/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	4/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	5/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	6/1/2020		\$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	8/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	9/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	10/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	11/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	12/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	1/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	2/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	3/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	4/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	5/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	6/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	7/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	8/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	9/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	10/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	11/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	12/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	1/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	2/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	3/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	4/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	5/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	6/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	7/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	8/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	9/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	10/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	11/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	12/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2023	1/1/2023		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

AMP Transmission LLC
Debt Service Workpaper - Monthly

Debt Service Payments - Year EndXX/XX/20XX

Add Additional "Other" Columns and lines as needed

Other AMPT Capitalized Equipment			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											
2019	1/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	2/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	3/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	4/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	5/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	6/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	7/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	8/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	9/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	10/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	11/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	12/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	1/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	2/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	3/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	4/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	5/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	6/1/2020		\$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	8/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	9/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	10/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	11/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	12/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	1/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	2/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	3/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	4/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	5/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	6/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	7/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	8/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	9/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	10/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	11/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	12/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	1/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	2/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	3/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	4/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	5/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	6/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	7/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	8/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	9/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	10/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	11/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	12/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2023	1/1/2023		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

AMP Transmission LLC
Transmission Enhancement Credit (Schedule 12
Projects) To be completed in conjunction with Attachment
H-32A

Line No.	(1)	(2)	(3)	(4)
	<u>Reference</u>		<u>Transmission</u>	<u>Allocator</u>
1	Gross Transmission Plant - Total		\$	
2	Net Transmission Plant - Total			
3				
4	O&M EXPENSE			
5	Total O&M Allocated to Transmission		\$	
6	Annual Allocation Factor for O&M		%	%
7				
8	DEBT SERVICE		\$	
9	Annual Allocation Factor for Debt Service		%	%
10				
11	MARGIN REQUIREMENT		\$	
12	Annual Allocation Factor for Margin Requirement		%	%
13				
14	TAXES OTHER THAN INCOME TAXES			
15	Total Other Taxes		\$ -	
16	Annual Allocation Factor for Other Taxes		0.00%	0.00%
17				
18	Annual Allocation Factor for Expense and Margin Requirement	Sum of line 6 through 16		%
19				
20				
21	Add lines for projects as needed			
22				
23		Transmission Enhancement Credit (Schedule 2 Projects)		
24		To be completed in conjunction with Attachment H-32A		
25				

(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
				(line 18)	(Col. 3 * Col. 4)	N/A		(Col. 6 * Col. 7)		(WP08-True-up Col. i)	(Sum Col. 5, 8, 9 & 10)
32	1a	b	\$ -	128.15%	\$ -	N/A	0.00%	\$ -	\$ -	-	\$ -
33		b				N/A			-		
34	1b	b	\$ -	128.15%	\$ -	N/A	0.00%	\$ -	\$ -	-	\$ -
35											
36	1c		\$ -	128.15%	\$ -		0.00%	\$ -			\$ -
37											

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

Notes

- 41 A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-21A.
- 42 B Net Transmission Plant is that identified on page 2 line 14 of Attachment H-21A.
- 43 C 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.
- 44 D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- 45 E 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)
1	Total Transmission O&M – 20XX Projections	321.112.b			From Informational AMPT Form 1 - ATRR True-up
2				Est. for Zone	
3	Total Transmission O&M Specific to ATSI zone	<u>Total</u>	<u>Alloc</u>	<u>ATSI</u>	<u>Projections</u>
4	consultant	\$0	35%	\$0	\$0 Transmission modeling and analysis services
5	consultant Implementation	\$0	100%	\$0	\$0 communications equipment
6	consultant Annual	\$0	100%	\$0	\$0 operational services for PJM communications and dispatch for transmission equip
7	consultant	\$0	35%	\$0	\$0 consulting services for equip evaluation for NERC BES compliance and Tariff eligibility
8	consultant	\$0	35%	\$0	\$0 Consultants
9	legal	\$0	50%	\$0	\$0 Legal
10	legal	\$0	100%	\$0	\$0 Legal
11	legal	\$0	100%	\$0	\$0 Legal
12	O&M Napoleon	\$0	100%	\$0	\$0 O&M on facilities
13	Meals/Travel	\$0	35%	\$0	\$0
14	Insurance	\$0	100%	\$0	\$0
15		\$0		\$0	\$0
16	List transmission specific to ATSI zone here - add rows if necessary	\$0		\$0	\$0
17		\$0		\$0	\$0 sum of transmission O&M specific to ATSI zone
18	Total Transmission O&M Specific to AEP zone				
19	List transmission specific to AEP zone here - add rows if necessary			\$ - \$ -	Add description
20	List transmission specific to AEP zone here - add rows if necessary			\$ - \$ -	Add description
21	List transmission specific to AEP zone here - add rows if necessary			\$ - \$ -	Add description
22	List transmission specific to AEP zone here - add rows if necessary			\$ - \$ -	Add description
23	List transmission specific to AEP zone here - add rows if necessary			\$ - \$ -	Add description
24				\$ - \$ -	sum of transmission O&M specific to AEP zone
25	Total Transmission O&M Specific to all zones				
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	List transmission specific to all zones here - add rows if necessary			\$ - \$ -	Add description
31				\$ - \$ -	sum of transmission O&M specific to all zones
32					

ADD LINES AND ZONES FOR DATA IN FUTURE AS NEEDED

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

Line No. (a)	Item (b)	Form 1 Reference (c)	Amount (d)	Deferred (e)	Description (f)
33	A&G Expense		3.	\$ -	From Informational Form 1 for ATRR True-up, otherwise estimate for PTRR
34					
35	AMP Labor and Over				
36	AMP Labor and Overheads Allocable to the ATSI Zone		\$0	35%	\$ - \$ - AMP staff labor and overhead
37	List A&G specific to ATSI zone here - add rows if necessary		\$0		\$ - \$ - Add description
38	List A&G specific to ATSI zone here - add rows if necessary		\$0		\$ - \$ - Add description
39	List A&G specific to ATSI zone here - add rows if necessary		\$0		\$ - \$ - Add description
40	List A&G specific to ATSI zone here - add rows if necessary		\$0		\$ - \$ - Add description
41	List A&G specific to ATSI zone here - add rows if necessary		\$0		\$ - \$ - Add description
42			\$0		\$ - \$ - sum of A&G specific to ATSI zone
43	Total A&G Specific to AEP zone				
44	List A&G specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
45	List A&G specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
46	List A&G specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
47	List A&G specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
48	List A&G specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
49					\$ - \$ - sum of A&G specific to AEP zone
50	Total A&G Specific to all zones				
51	List A&G specific to all zones here - add rows if necessary				\$ - \$ - Add description
52	List A&G specific to all zones here - add rows if necessary				\$ - \$ - Add description
53	List A&G specific to all zones here - add rows if necessary				\$ - \$ - Add description
54	List A&G specific to all zones here - add rows if necessary				\$ - \$ - Add description
55	List A&G specific to all zones here - add rows if necessary				\$ - \$ - Add description
56	Total A&G Specific to all zones				\$ - \$ - sum of A&G specific to all zones
57					
58					
59	Other Taxes	263.i		\$ -	From Informational Form 1 for ATRR True-up, otherwise estimate for PTRR
60					
61	Other Taxes specific to ATSI Zone				
62	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
63	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
64	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
65	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
66	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
67	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
68					\$ - \$ - sum of Other Taxes specific to ATSI zone
69	Other Taxes specific to AEP Zone				
70	Other Tax specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
71	Other Tax specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
72	Other Tax specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
73	Other Tax specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
74	Other Tax specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
75					\$ - \$ - sum of Other Taxes specific to AEP zone
76	Other Taxes Specific to all zones				
77	Other Tax specific to all zones here - add rows if necessary				\$ - \$ - Add description
78	Other Tax specific to all zones here - add rows if necessary				\$ - \$ - Add description
79	Other Tax specific to all zones here - add rows if necessary				\$ - \$ - Add description
80	Other Tax specific to all zones here - add rows if necessary				\$ - \$ - Add description
81	Other Tax specific to all zones here - add rows if necessary				\$ - \$ - Add description
82	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=	20XX
(a)	(b)		(c)
1	Debt Service Payments ¹		\$ -
2			
3	Less:		
4	Interest on Working Capital Loans (WP06b)		\$ -
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)		\$ -
10	Margin Factor (fixed)		40%
11	Margin Requirement (line 9 x line 10) - To H-32A line		\$ -
12			
13	Notes:		
14	1. Excludes any Debt Service related to Acquisition Adjustments if any per WP06		

Clean Tariff

AMP Transmission LLC
Calculation of Transmission Revenue Requirements
Transmission Zone
 Cash-Flow Model
 Year Ended XX/XX/20
 Projected or Actual

Line No. (a)	Cost of Service Item (b)	(Note A) Page, Line, Col. (c)	Notes (d)	Company Total (e)	Allocator (f)	Qualifying Transmission (g) (e) x (f) Allocated Amount
1	GROSS REVENUE REQUIREMENT (line 54)					\$ -
2						
3						
4	REVENUE CREDITS	(Note C)		Total	Allocator	
5	Account No. 454	WP02		\$ -	TP 0.000%	\$ -
6	Account No. 456	WP02		\$ -	TP 0.000%	\$ -
7	Revenue Credits Specific to zone	WP02		\$ -	D/A 100.00%	\$ -
8	Reserved			\$ -	TP 0.000%	\$ -
9	Transmission Enhancement Credit	WP07		\$ -	TP 0.000%	\$ -
10	TOTAL REVENUE CREDITS (sum lines 5-9)					\$ -
11						
12	TRUE-UP ADJUSTMENT WITH INTEREST (Protocols)	(Note D) WP05				\$ -
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					\$ -
17a	DIVISOR					
17b	1 Coincident Peak (CP) (MW) - Enter Zone Name					- MW
17c	Annual Network Rate (\$/MW/Yr) (Line 17 / Line 17b)					\$ - 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 0.000%	\$ -
22	Transmission O&M Specific to zone (Note M)	Zone in title	WP09	\$ -	D/A 100.000	\$ -
23	Less Account 565	321.96.b	Form 1	\$ -	TP 0.000%	\$ -
24	Less: Account 561.2 Load Dispatch - Monitor and Operate Trans System through Schedule 1A	321.86.b	Form 1	\$ -	TP 0.000%	\$ -
25	A&G allocable to zone (Note M)	323.197.b and WP09	WP09	\$ -	W&S 100.000%	\$ -
26	A&G Specific to zone (Note M)		WP09	\$ -	W&S 100.000%	\$ -
27	Other Amortizations - _____ current Zone (Note N)		WP03	\$ -	D/A 100.000%	\$ -
28	Other Amortizations - _____ other Zone (Note N)		WP03	\$ -	N/A 0.000%	\$ -
29	Other Amortizations - All zones		WP03	\$ -	D/A 100.000%	\$ -
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)					\$ -
32						
33	DEBT SERVICE					
34	Debt Service (Note L)		WP06	\$ -	TP 0.000%	\$ -
35	Amortization of premium or discount (Note E)			\$ -	TP 0.000%	\$ -
36	TOTAL DEBT SERVICE (Sum lines 34 and 35)			\$ -		\$ -
37	Interest for Working Capital needs		WP06b	\$ -	TP 0.000%	\$ -
38						
39	TAXES OTHER THAN INCOME TAXES (Note F)					
40	LABOR RELATED					
41	Payroll	263.i	Form 1	\$ -	W&S 100.000%	\$ -
42	Highway and vehicle	263.i	Form 1	\$ -	W&S 100.000%	\$ -
43	PLANT RELATED	263.i				
44	Property specific to zone (Note M)	Reference zone	WP09	\$ -	D/A 100.000%	\$ -
45	Property allocable to zone (Note M)	263.i and WP09	WP09	\$ -	TP 0.000%	\$ -
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)			\$ -		\$ -
49						
50	Subtotal (lines 31 + 36 + 37 + 48)			\$ -		\$ -
51		<u>Margin factor</u>				
52	MARGIN REQUIREMENT (Note I)(WP10)	40% of Debt Service	40.0%	\$ -	D/A 100.000%	\$ -
53						
54	REV. REQUIREMENT (sum lines 50 and 52)			\$ -		\$ -
55						
56	GROSS PLANT IN SERVICE					
57	Production			\$ -	NA	\$ -
58	Transmission (Note B)	207.58.g	WP01/04	\$ -	D/A 100.000%	\$ -
59	Distribution			\$ -	N/A 0.000%	\$ -
60	General & Intangible	205.5.g & 207.99.g	WP01	\$ -	W&S 100.000%	\$ -
61	Reserved			\$ -	TP 0.000%	\$ -
62	Other			\$ -	TP 0.000%	\$ -
63	TOTAL GROSS PLANT (sum lines 57 - 62)			\$ -		\$ -
64						
65	TRANSMISSION PLANT % INCLUDED IN PJM COST OF SERVICE					
66						
67	Total transmission plant		WP04			\$ -
68	Less Non-Qualifying Transmission Plant		WP04			\$ -
69	Less transmission plant included in OATT Ancillary Services		WP04			\$ -
70	Total Qualifying Transmission Plant in Service (line 67 - 68 - 69)					\$ -
71						
72	Percentage of PJM Qualifying transmission plant included in Cost of Service (line 70 / line 67)					TP= 0.000%

AMP Transmission LLC
Calculation of Transmission Revenue Requirements
Transmission Zone
 Cash-Flow Model
 Year Ended XX/XX/20
 Projected or Actual

Line No. (a)	Cost of Service Item (b)	(Note A) Page, Line, Col. (c)	Notes (d)	Company Total (e)	Allocator (f)	Qualifying Transmission (g) (e) x (f) Allocated Amount
73	TRANSMISSION EXPENSES					
74						
75						
76	Total transmission expenses (line 21+22 Column e)					\$ -
77	Less transmission expenses included in OATT Ancillary Services (Note J)					\$ -
78	Included transmission expenses (line 76 less line 77)					\$ -
79						
80	Percentage of transmission expenses after adjustment (line 78 divided by line 76)					0.000%
81	Percentage of transmission plant included in ISO Rates (line 72)				TP	0.000%
82	Percentage of transmission expenses included in ISO Rates (line 80 times line 81)				TE=	0.000%
83						
84						
85	WAGES & SALARY ALLOCATOR (W&S) (Note K)			\$	TP Allocation	
86	Production			\$ -	0.000%	\$ -
87	Transmission (WP04)			\$ 1	100.000%	\$ 1
88	Distribution			\$ -	0.000%	\$ -
89	Other			\$ -	0.000%	\$ -
90	Total (sum lines 86-89)			\$ 1		\$ 1 =
91						W&S Allocator (\$/Allocation) = 100.000% =WS

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:

- A AMPT will maintain and post with informational filings an Informational FERC Form 1.
- 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
- 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.
- D The True-Up adjustment is the difference between (1) the revenues received for the twelve month period and (2) the ATRR for that twelve month period after it is known, with interest
- E Over Recoveries are entered as negative to reduce the net revenue. Under recoveries are entered as Positive to increase the net revenue.
- F Includes amounts recorded to accounts 428 and 429.
- G Includes only FICA, unemployment, highway, property, gross receipts, PILOT, and other assessments charged in the current year. Taxes related to income are excluded.
- H Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- I Adjustments required pursuant to Section 6 of the AMPT Protocols. Refunds shall be entered as a negative number to reduce the net revenue requirement. Surcharges shall be entered as a positive number to increase the net revenue requirement.
- J 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.
- K 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.
- L The Margin Factor can only be changed by Order of the Commission
- M 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.
- N AMPT will have no wages and salaries. However, all A&G expense incurred by AMPT will be 100% related to AMPT Transmission
- O PTRR debt service projections for zone are shown on WP06. Actual ATRR debt service (for True-up template) will be from AMPT accounting records
- P O&M and A&G and Property Taxes values taken from the column in WP09 that corresponds to the zone.
- Q 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
Projected

<u>Line No.</u>	<u>Month</u>	<u>Year</u>	<u>Production</u>	<u>Transmission</u>	<u>Distribution</u>	<u>General</u>	<u>Intangible</u>	<u>Total</u>
(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	Month 1	20XX						
2	Month 2	20XX						
3	Month 3	20XX						
4	Month 4	20XX						
5	Month 5	20XX						
6	Month 6	20XX						
7	Month 7	20XX						
8	Month 8	20XX						
9	Month 9	20XX						
10	Month 10	20XX						
11	Month 11	20XX						
12	Month 12	20XX						
13	Month 13	20XX						

14
15 13-month
16
17

Asset Retirement Cost for Transmission Plant

Transmission

18			[A]	207.57.g				
19								
20								
21			[A]	207.57.g				
22	Month 1	20XX		-				
23	Month 2	20XX		-				
24	Month 3	20XX		-				
25	Month 4	20XX		-				
26	Month 5	20XX		-				
27	Month 6	20XX		-				
28	Month 7	20XX		-				
29	Month 8	20XX		-				
30	Month 9	20XX		-				
31	Month 10	20XX		-				
32	Month 11	20XX		-				
33	Month 12	20XX		-				
34	Month 13	20XX		-				
35								
36	13-month Average			-				

37
38 Notes:
39 [A] Reference for December balances as would be reported in FERC Form 1. Whether used in a PJM transmission zone with a
40 calendar year or non-calendar year rate period, AMPT will always forecast and true-up to the calendar/financial year because
41 the AMPT revenue requirement is ultimately determined using values reported by AMPT in the format of the FERC Form 1.

**AMP Transmission
LLC**
Revenue Credits Workpaper

H-32A-WP02 - Revenue Credits

Add Lines if needed

Line No.	<u>REVENUE CREDITS</u>	<u>Amount</u>	<u>Description of Revenue Credits</u>
(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	<u>\$</u>	<u>-</u>
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	<u>\$</u>	<u>-</u>
9	Account No. 456 Revenue Credits allocable to all zones	\$	-
10			
11			
12	Other Revenue Credits specific to zone	\$	-
13			
14			
15			

AMP Transmission LLC
Formation Cost (Start-up) Workpaper

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		
Legal :	\$	
Legal :	\$	
Legal :	\$	
Legal:	\$	
Legal :	\$	
Total Legal consultant	\$	
Travel, Meals	\$	
AMP Labor/Overhead consultant	\$	
PJM Application fee	\$	
Legal	\$	
Legal	\$	
Legal	\$	
Total Up-Front Costs	\$	
Number of anticipated Transmission Zones	2	ATSI and AEP East
Amortization period	3	years beginning 1/1/20XX
Yearly Amortization	\$	ATSI Zone
Deferred to AEP Zone (or Next Zone)	\$	AEP zone for future request at FERC

Other Amortizations of deferred start-up – ATSI Zone Specific

	<u>Total</u>	<u>Term</u>	<u>Yearly Amortization</u>
Legal		1	
Consulting		1	
Consulting		1	Add lines as needed
PJM		1	
Consulting		1	
O&M Napoleon rest of 2018 estimate		1	
Travel/Meals/Insurance		1	
AMP Labor/Overhead		1	
Fourth quarter 2018 interest on Napoleon Loan		1	
legal		1	
Legal		1	
legal		1	
Total 1-year Amort to ATSI zone			

ADD LINES AND CATEGORIES AS NEEDED

Other Amortizations - AEP

	<u>Total</u>	<u>term</u>	<u>Yearly Amortization</u>	
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
List other AEP Amortizations here	\$ -		0 \$	-
Total AEP zonal Amortizations			\$ -	

Add lines as needed

AMP Labor – Start-up amortization over 3 or 1 years.

LABOR FOR SEPT_DEC

AMP Labor Hours	% Time	Hours	Expenses	
1	10%	52		3 months remaining
2	10%	52		
3	50%	260		
4	35%	182		
5	90%	468		
6	10%	52		
7	10%	52		
8	10%	52		
9	5%	26		
10	20%	104		
11	20%	104		
12	5%	26		
13	5%	26		
14	20%	104		
15	20%	104		
16	5%	26	Blended Rate	

LABOR HOURS		\$	75.00
1690		-	
LABOR EXPENSES	41%	\$	
\$			
Labor Overhead		\$	
		\$	Budget for Oct - Dec 2018

\$ Actuals thru September
 \$ Budget October - December based on AMP % allocation
 \$ Total

But, 3 vs 1 year split is thru August!
 So, \$ - /9*8 = actual thru August \$
 Half goes to 3 year, half to 1 \$
 Remainder goes to ATSI; \$

ADD LINES AND CATEGORIES AS NEEDED

AMP Transmission LLC

Zonal Investment Workpaper

Add Zones if necessary. Add lines for more project investment

Line
No.

1	<u>AMPT Transmission Investment - Gross Plant</u>				
2	(a)	(b)	(c)	(d)	(e)
3		<u>ATSI</u>	<u>AEP</u>	<u>Other zone</u>	<u>AMPT</u>
4					<u>Total</u>
5					
6	City of Napoleon Assets	\$	\$	-	\$
7	Non-Qualifying	\$	-	\$	-
8	Total Qualifying	\$	\$	-	\$
9		\$			
10	Zonal Allocation		100%	0%	0%
11					
12	Allocated To Zone	\$	\$	-	\$

15	<u>Transmission Plant recovered in Ancillary Services</u>				
16		<u>ATSI</u>	<u>AEP</u>	<u>Other Zone</u>	<u>AMPT</u>
17					<u>Total</u>
18					
19	Amount	\$ -	\$ -	\$ -	\$ -
20					
21	Zone Allocation	0%	0%	0%	
22					
23	Allocated to Zone	\$ -	\$ -	\$ -	\$ -
24					

28	<u>Wages and Salaries Proxy – Gross Plant in Each Zone</u>				
29					
30	Line 12 (b, c or d) divided by Line 12(e)	100.0%	0.0%	0.0%	

**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
-	-	-

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

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
January	Year 2019	-	(Note 1)	12
February	Year 2019	-	(Note 1)	11
March	Year 2019	-	(Note 1)	10
April	Year 2019	-	(Note 1)	9
May	Year 2019	-	(Note 1)	8
June	Year 2019	-	(Note 1)	7
July	Year 2019	-	(Note 1)	6
August	Year 2019	-	(Note 1)	5
September	Year 2019	-	(Note 1)	4
October	Year 2019	-	(Note 1)	3
November	Year 2019	-	(Note 1)	2
December	Year 2019	-	(Note 1)	1

January through December	Year 2020	-	(Note 1)	12	-
--------------------------	-----------	---	----------	----	---

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

				Monthly
January	Year 2021	-	(Note 1)	-
February	Year 2021	-	(Note 1)	-
March	Year 2021	-	(Note 1)	-
April	Year 2021	-	(Note 1)	-
May	Year 2021	-	(Note 1)	-
June	Year 2021	-	(Note 1)	-
July	Year 2021	-	(Note 1)	-
August	Year 2021	-	(Note 1)	-
September	Year 2021	-	(Note 1)	-
October	Year 2021	-	(Note 1)	-
November	Year 2021	-	(Note 1)	-
December	Year 2021	-	(Note 1)	-

True-Up with Interest	\$	-
Less Over (Under) Recovery	\$	-
Total Interest	\$	-

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**
True-Up and Adjustments Workpaper

AMPT True-up with Interest – under Non-Calendar Year Protocols

NITS Revenues received from PJM for the Rate Year (Note 2)				
	Actual Revenue Requirement For Financial Year (ATTR)	=	True-up Adjustment - (Over)/Under Recovery	
\$ -	-	=	\$ -	-

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

As an example, an over or under collection will be recovered prorata over Rate Year "n", held for Rate Year "n+1" and returned prorata over Rate Year "n+2"

Calculation of Interest

				Monthly	
Month 1	Rate Year "n"	-	(Note 1)	-	-
Month 2	Rate Year "n"	-	(Note 1)	-	-
Month 3	Rate Year "n"	-	(Note 1)	-	-
Month 4	Rate Year "n"	-	(Note 1)	-	-
Month 5	Rate Year "n"	-	(Note 1)	-	-
Month 6	Rate Year "n"	-	(Note 1)	-	-
Month 7	Rate Year "n"	-	(Note 1)	-	-
Month 8	Rate Year "n"	-	(Note 1)	-	-
Month 9	Rate Year "n"	-	(Note 1)	-	-
Month 10	Rate Year "n"	-	(Note 1)	-	-
Month 11	Rate Year "n"	-	(Note 1)	-	-
Month 12	Rate Year "n"	-	(Note 1)	-	-
				-	-

				Annual	
Month 1 through Month 12	Rate Year "n+1"	-	(Note 1)	12	-

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

				Monthly	
Month 1	Rate Year "n+2"	-	(Note 1)	-	-
Month 2	Rate Year "n+2"	-	(Note 1)	-	-
Month 3	Rate Year "n+2"	-	(Note 1)	-	-
Month 4	Rate Year "n+2"	-	(Note 1)	-	-
Month 5	Rate Year "n+2"	-	(Note 1)	-	-
Month 6	Rate Year "n+2"	-	(Note 1)	-	-
Month 7	Rate Year "n+2"	-	(Note 1)	-	-
Month 8	Rate Year "n+2"	-	(Note 1)	-	-
Month 9	Rate Year "n+2"	-	(Note 1)	-	-
Month 10	Rate Year "n+2"	-	(Note 1)	-	-
Month 11	Rate Year "n+2"	-	(Note 1)	-	-
Month 12	Rate Year "n+2"	-	(Note 1)	-	-
				-	-

True-Up with Interest				\$	\$	-
Less Over (Under) Recovery				\$	-	-

Total Interest				\$	-	-
----------------	--	--	--	----	---	---

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 - Annual

Projections
Page 9 of 18

Debt Service Payments - Year End XX/XX/20XX

Rate Year	Total Projected	Actual Debt Service
20XX	\$0	\$0

for PTRR - to line 34 of Attachment H-32A

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

AMPT Projects	Project #1	Project #2	Project #3	Project #4	Project #5	Project #6	Project #7	Project #8	Project #9	Project #10	Total Projected
Project Name:											
Loan Principal:											
Less Acquisition Premium	\$0										\$0
Net Loan Principal											
Loan Term (Years):											
Start Date:											
Loan End Date:											
Annual Interest Rate:											
Rate: Projected Yearly Debt Service											
<u>Debt Service Schedule (Yearly)</u>											
Year											
2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2023	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2026	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2027	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2028	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2029	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2031	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2032	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2033	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2036	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2037	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2038	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

AMP Transmission LLC

Debt Service Workpaper - Annual

Debt Service Payments - Year End XX/XX/20XX

Add Additional "Other" Columns as needed

Other AMPT Capitalized Equipment											
	Project #1	Project #2	Project #3	Project #4	Project #5	Project #6	Project #7	Project #8	Project #9	Project #10	Total Projected
Project Name:											
Loan Principal:											
Less Acquisition Premium											\$0
Net Loan Principal											
Loan Term (Years):											
Loan Start Date:											
Loan End Date:											
Annual Interest Rate:											
Projected Yearly Debt Service											
Debt Service Schedule (Yearly)											
Year											
2019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2023	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2026	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2027	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2028	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2029	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2031	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2032	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2033	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2036	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2037	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2038	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

AMP Transmission LLC
Debt Service Workpaper - Monthly

Debt Service Payments - Year EndXX/XX/20XX

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			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											
2019	1/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	2/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	3/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	4/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	5/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	6/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	7/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	8/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	9/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	10/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	11/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	12/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	1/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	2/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	3/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	4/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	5/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	6/1/2020		\$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	8/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	9/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	10/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	11/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	12/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	1/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	2/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	3/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	4/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	5/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	6/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	7/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	8/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	9/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	10/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	11/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	12/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	1/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	2/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	3/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	4/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	5/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	6/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	7/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	8/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	9/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	10/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	11/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	12/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2023	1/1/2023		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

AMP Transmission LLC
Debt Service Workpaper - Monthly

Debt Service Payments - Year EndXX/XX/20XX

Add Additional "Other" Columns and lines as needed

Other AMPT Capitalized Equipment			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											
2019	1/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	2/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	3/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	4/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	5/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	6/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	7/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	8/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	9/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	10/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	11/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019	12/1/2019		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	1/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	2/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	3/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	4/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	5/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	6/1/2020		\$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	8/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	9/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	10/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	11/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020	12/1/2020		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	1/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	2/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	3/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	4/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	5/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	6/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	7/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	8/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	9/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	10/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	11/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2021	12/1/2021		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	1/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	2/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	3/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	4/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	5/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	6/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	7/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	8/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	9/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	10/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	11/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2022	12/1/2022		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2023	1/1/2023		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

AMP Transmission LLC
Transmission Enhancement Credit (Schedule 12
Projects) To be completed in conjunction with Attachment
H-32A

Line No.	(1)	(2)	(3)	(4)
	<u>Reference</u>		<u>Transmission</u>	<u>Allocator</u>
1	Gross Transmission Plant - Total		\$	
2	Net Transmission Plant - Total			
3				
4	O&M EXPENSE			
5	Total O&M Allocated to Transmission		\$	
6	Annual Allocation Factor for O&M		%	%
7				
8	DEBT SERVICE		\$	
9	Annual Allocation Factor for Debt Service		%	%
10				
11	MARGIN REQUIREMENT		\$	
12	Annual Allocation Factor for Margin Requirement		%	%
13				
14	TAXES OTHER THAN INCOME TAXES			
15	Total Other Taxes		\$	-
16	Annual Allocation Factor for Other Taxes		0.00%	0.00%
17				
18	Annual Allocation Factor for Expense and Margin Requirement	Sum of line 6 through 16		%
19				
20				
21	Add lines for projects as needed			
22				
23		Transmission Enhancement Credit (Schedule 2 Projects)		
24		To be completed in conjunction with Attachment H-32A		
25				

(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
				(line 18)	(Col. 3 * Col. 4)	N/A		(Col. 6 * Col. 7)		(WP08-True-up Col. i)	(Sum Col. 5, 8, 9 & 10)
32	1a	b	\$ -	128.15%	\$ -	N/A	0.00%	\$ -	\$ -	-	\$ -
33		b				N/A			\$ -		\$ -
34	1b	b	\$ -	128.15%	\$ -	N/A	0.00%	\$ -	\$ -	-	\$ -
35											
36	1c		\$ -	128.15%	\$ -		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 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.
 - D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
 - E 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	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)
				from PTRR	[Col. c, line 1 * (Col. d, line 2x / Col. d, line 3)]	from ATRR	Col. f - Col. e	Col. g * [(line 4a / line 4b) - 1]	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)
1	Total Transmission O&M – 20XX Projections	321.112.b			From Informational AMPT Form 1 - ATRR True-up
2				Est. for Zone	
3	Total Transmission O&M Specific to ATSI zone	<u>Total</u>	<u>Alloc</u>	<u>ATSI</u>	<u>Projections</u>
4	consultant	\$0	35%	\$0	\$0 Transmission modeling and analysis services
5	consultant Implementation	\$0	100%	\$0	\$0 communications equipment
6	consultant Annual	\$0	100%	\$0	\$0 operational services for PJM communications and dispatch for transmission equip
7	consultant	\$0	35%	\$0	\$0 consulting services for equip evaluation for NERC BES compliance and Tariff eligibility
8	consultant	\$0	35%	\$0	\$0 Consultants
9	legal	\$0	50%	\$0	\$0 Legal
10	legal	\$0	100%	\$0	\$0 Legal
11	legal	\$0	100%	\$0	\$0 Legal
12	O&M Napoleon	\$0	100%	\$0	\$0 O&M on facilities
13	Meals/Travel	\$0	35%	\$0	\$0
14	Insurance	\$0	100%	\$0	\$0
15		\$0		\$0	\$0
16	List transmission specific to ATSI zone here - add rows if necessary	\$0		\$0	\$0
17		\$0		\$0	\$0 sum of transmission O&M specific to ATSI zone
18	Total Transmission O&M Specific to AEP zone				
19	List transmission specific to AEP zone here - add rows if necessary			\$ - \$ -	Add description
20	List transmission specific to AEP zone here - add rows if necessary			\$ - \$ -	Add description
21	List transmission specific to AEP zone here - add rows if necessary			\$ - \$ -	Add description
22	List transmission specific to AEP zone here - add rows if necessary			\$ - \$ -	Add description
23	List transmission specific to AEP zone here - add rows if necessary			\$ - \$ -	Add description
24				\$ - \$ -	sum of transmission O&M specific to AEP zone
25	Total Transmission O&M Specific to all zones				
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	List transmission specific to all zones here - add rows if necessary			\$ - \$ -	Add description
31				\$ - \$ -	sum of transmission O&M specific to all zones
32					

ADD LINES AND ZONES FOR DATA IN FUTURE AS NEEDED

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

Line No.	Item	Form 1 Reference	Amount	Deferred	Description
(a)	(b)	(c)	(d)	(e)	(f)
33	A&G Expense		3;	\$ -	From Informational Form 1 for ATRR True-up, otherwise estimate for PTRR
34					
35	AMP Labor and Over				
36	AMP Labor and Overheads Allocable to the ATSI Zone		\$0	35%	\$ - \$ - AMP staff labor and overhead
37	List A&G specific to ATSI zone here - add rows if necessary		\$0		\$ - \$ - Add description
38	List A&G specific to ATSI zone here - add rows if necessary		\$0		\$ - \$ - Add description
39	List A&G specific to ATSI zone here - add rows if necessary		\$0		\$ - \$ - Add description
40	List A&G specific to ATSI zone here - add rows if necessary		\$0		\$ - \$ - Add description
41	List A&G specific to ATSI zone here - add rows if necessary		\$0		\$ - \$ - Add description
42			\$0		\$ - \$ - sum of A&G specific to ATSI zone
43	Total A&G Specific to AEP zone				
44	List A&G specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
45	List A&G specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
46	List A&G specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
47	List A&G specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
48	List A&G specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
49					\$ - \$ - sum of A&G specific to AEP zone
50	Total A&G Specific to all zones				
51	List A&G specific to all zones here - add rows if necessary				\$ - \$ - Add description
52	List A&G specific to all zones here - add rows if necessary				\$ - \$ - Add description
53	List A&G specific to all zones here - add rows if necessary				\$ - \$ - Add description
54	List A&G specific to all zones here - add rows if necessary				\$ - \$ - Add description
55	List A&G specific to all zones here - add rows if necessary				\$ - \$ - Add description
56	Total A&G Specific to all zones				\$ - \$ - sum of A&G specific to all zones
57					
58					
59	Other Taxes	263.i		\$ -	From Informational Form 1 for ATRR True-up, otherwise estimate for PTRR
60					
61	Other Taxes specific to ATSI Zone				
62	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
63	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
64	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
65	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
66	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
67	Other Tax specific to ATSI zone here - add rows if necessary				\$ - \$ - Add description
68					\$ - \$ - sum of Other Taxes specific to ATSI zone
69	Other Taxes specific to AEP Zone				
70	Other Tax specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
71	Other Tax specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
72	Other Tax specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
73	Other Tax specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
74	Other Tax specific to AEP zone here - add rows if necessary				\$ - \$ - Add description
75					\$ - \$ - sum of Other Taxes specific to AEP zone
76	Other Taxes Specific to all zones				
77	Other Tax specific to all zones here - add rows if necessary				\$ - \$ - Add description
78	Other Tax specific to all zones here - add rows if necessary				\$ - \$ - Add description
79	Other Tax specific to all zones here - add rows if necessary				\$ - \$ - Add description
80	Other Tax specific to all zones here - add rows if necessary				\$ - \$ - Add description
81	Other Tax specific to all zones here - add rows if necessary				\$ - \$ - Add description
82	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=	20XX
(a)	(b)		(c)
1	Debt Service Payments ¹		\$ -
2			
3	Less:		
4	Interest on Working Capital Loans (WP06b)		\$ -
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)		\$ -
10	Margin Factor (fixed)		40%
11	Margin Requirement (line 9 x line 10) - To H-32A line		\$ -
12			
13	Notes:		
14	1. Excludes any Debt Service related to Acquisition Adjustments if any per WP06		