Formula Rate calculation

To be completed in conjunction with Attachment O - ATCLLC. (inputs from Attachment O - ATCLLC are rounded to whole dollars)

	(1)	(2) Attachment O - ATCLLC	(3)	(4)
Line		Page, Line, Col.	Transmission	Allocator
No.				
1	Gross Transmission Plant - Total	Attach O - ATCLLC, p 2, line 2a and 2b col 5 (Note A)	5,528,194,479	
1a 2	Transmission Accumulated Depreciation Net Transmission Plant - Total	Attach O - ATCLLC, p 2, line 8a and 8b col 5 (Note A) Line 1 minus Line 1a (Note B)	1,373,835,940 4,154,358,539	
			, . ,,	
3	O&M TRANSMISSION EXPENSE Total O&M Allocated to Transmission	Attach O - ATCLLC, p 3, line 8 col 5	147.756.323	
За	Transmission O&M	Attach O - ATCLLC, p 3, line 1 col 5	99,327,428	
3a1	Less Preliminary Survey and Investigation Adjustment (Note I)	Preliminary and Survey Expense included in Attach O - ATCLLC, P 3, line 1 col 5	6,175,670	
3b	Less: LSE Expenses included in above, if any	Attach O - ATCLLC, p 3, line 1a col 5	-	
3c 3d	Less: Account 565 included in above, if any Adjusted Transmission O&M	Attach O - ATCLLC, p 3, line 2 col 5 Line 3a minus Lines 3a1, 3b and 3c	93,151,758	
30	Adjusted Transmission O&M	Line 3a minus Lines 3a i, 3b and 3c	93,151,758	
4	Annual Allocation Factor for Transmission O&M	(Line 3d divided by line 1a, col 3)	6.78%	6.78%
4.	OTHER O&M EXPENSE Other O&M Allocated to Transmission	Line 3 minus Lines 3d and 3a1	40,400,005	
4a 4b	Annual Allocation Factor for Other O&M	Line 3 minus Lines 3d and 3a i Line 4a divided by Line 1, col 3	48,428,895 0.88%	0.88%
5	GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE Total G&C Depreciation Expense	Attach O - ATCLLC, p 3, lines 10 & 11, col 5 (Note H)	13.278.426	
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1 col 3)	0.24%	0.24%
	TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Attach O - ATCLLC, p 3, line 20 col 5	25,424,115	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.46%	0.46%
9	Annual Allocation Factor for Other Expense	Sum of line 4b, 6, and 8	1.58%	1.58%
	INCOME TAXES			
10	Total Income Taxes	Attach O - ATCLLC, p 3, line 27 col 5	110,247,406	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	2.65%	2.65%
	RETURN			
12	Return on Rate Base	Attach O - ATCLLC, p 3, line 28 col 5	270,393,907	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	6.51%	6.51%
14	Annual Allocation Factor for Return	Sum of line 11 and 13	9.16%	9.16%

Rate Formula Template Utilizing Attachment O - ATCLLC Data

American Transmission Company LLC

Attachment MM - ATCLLC For the 12 months ended 12/31/2017

Page 1 of 2

Formula Rate calculation

Rate Formula Template Utilizing Attachment O - ATCLLC Data American Transmission Company LLC

Attachment MM - ATCLLC For the 12 months ended 12/31/2017

Page 2 of 2

## Multi-Value Project (MVP) Revenue Requirement Calculation

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(13a)	(14)	(15)	(16)
Line Project Name	MTEP Project Number	Project Gross Plant	Depreciation	Transmission O&M Annual Allocation Factor Page 1 line 4	Annual Allocation for Transmission O&M Expense (Col 4 * Col 5)	Other Expense Annual Allocation Factor Page 1 line 9	Annual Allocation for Other Expense (Col 3 * Col 7)	Annual Expense Charge (Col 6 + Col 8)	Project Net Plant (Col 3 - Col 4)	Annual Allocation Factor for Return (Page 1 line 14)	Annual Return Charge (Col 10 * Col 11)	Project Depreciation Expense (Note E)	Preliminary Survey and Investigation Expense (Note J)	Annual Revenue Requirement (Sum Col. 9, 12, 13 & 13a)	True-Up Adjustment (Note F)	MVP Annual Adjusted Revenu Requirement Sum Col. 14 & 15 (Note G)
ulti-Value Projects (MVP) a LaCrosse-Madison 345 kV - Dubuque Co - Spring Green 345 kV p Pleasant Prairie - Zion Energy Center 345 kV Line	3127 2844	(Note C) \$ 141,730,803 \$ 33,530,245 \$		6.78% 6.78% 6.78%	\$ 182,498	1.58% 1.58% 1.58%	\$ 528,480	\$ 2,233,859 \$ 710,977 \$ -	\$ 141,730.803 \$ 30,838,701 \$ -				\$ -	\$ 17,593,996 \$ 4,301,592 \$ .	\$ (3,147,552) \$ 130,557 \$ -	
2 MVP Total Annual Revenue Requirements											<u> </u>	<u> </u>	\$2,374,113	\$21,895,587	(\$3,016,995)	\$18,878,5

Note

Latter A Gross Transmission Plant is that identified on page 2 lines 2a and 2b of Attachment O - ATCLLC and is inclusive of any CWIP included in rate base. Transmission Accumulated Depreciation comports with this Note A and B below.

Net Transmission Plant is that identified on page 2 lines 14a and 14b of Attachment O - ATCLLC and is inclusive of any CWIP included in rate base. в

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 and includes CWIP in rate base. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.

D Note deliberately left blank.

Е Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O - ATCLLC page 3 line 12.

True-Up Adjustment is included pursuant to Attachment MM - ATCLLC Annual True-up Procedure. The MVP Annual Revenue Requirement is the value to be used in Schedule 26-A.

G

н The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 13.

Preliminary Survey and Investigation expense (pre-certification costs) equals the actual value booked, or projected to be booked for forward-booking rate periods, for all of the MISO approved projects and included in Attachment O – ATCLLC, Page 3, Line 1, Column 5. Preliminary Survey and Investigation expense (pre-certification costs) equals the actual value booked, or projected to be booked for forward-booking rate periods, for all of the MISO approved MVP Projects and included in Attachment O – ATCLLC, Page 3, Line 1, Column 5. .1