Formula Rate calculation

Rate Formula Template
Utilizing Attachment O - ATCLLC Data

American Transmission Company LLC

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

Line No.	(1)	(2) Attachment O - ATCLLC Page, Line, Col.	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total	Attach O - ATCLLC, p 2, lines3a col 5 less Note L (Note A)	9,243,097,305	
1a	Transmission Accumulated Depreciation	Attach O - ATCLLC, p 2, lines 9a, minus 12a col 5 less Note L (Note A)	2,617,360,004	
2	Net Transmission Plant - Total	Line 1 minus Line 1a (Note B)	6,625,737,301	
	O&M TRANSMISSION EXPENSE			
3	Total O&M Allocated to Transmission	Attach O - ATCLLC, p 3, line 8 col 5	193,131,346	
3a	Transmission O&M	Attach O - ATCLLC, p 3, lines 1 & 5b col 5	140,645,302	
3a1	Less Preliminary Survey and Investigation Adjustment (Note I)	Preliminary and Survey Expense included in Attach O-ATCLLC, P 3, line 1 col 5	21,795,130	
3b	Less: LSE Expenses included in above, if any	Attach O - ATCLLC, p 3, line 1a col 5	-	
3c	Less: Account 565 included in above, if any	Attach O - ATCLLC, p 3, line 2 col 5	-	
3d	Adjusted Transmission O&M	Line 3a minus Lines 3a1, 3b and 3c	118,850,172	
4	**Annual Allocation Factor for Transmission O&M**	(Line 3d divided by line 1a, col 3)	**4.54%**	**4.54%**
	OTHER O&M EXPENSE			
4a	Other O&M Allocated to Transmission	Line 3 minus Line 3d and 3a1	52,486,044	
4b	Annual Allocation Factor for Other O&M	Line 4a divided by Line 1, col 3	0.57%	0.57%
	REGULATORY LIABILITY AMPORTIZATION AND GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE			
5	Total Reg. Liability Amort., and G&C Depreciation Expense	Attach O - ATCLLC, p 3, lines 9a, 10 & 11, col 5 plus Note L (Note H)	42,817,242	
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1 col 3)	0.46%	0.46%
	TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Attach O - ATCLLC, p 3, line 20 col 5	36,496,384	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.39%	0.39%
9	**Annual Allocation Factor for Other Expense**	**Sum of line 4b, 6, and 8**	**1.43%**	**1.43%**
	INCOME TAXES			
10	Total Income Taxes	Attach O - ATCLLC, p 3, line 27 col 5	96,183,657	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	1.45%	1.45%
	RETURN			
12	Return on Rate Base	Attach O - ATCLLC, p 3, line 28 col 5	469,140,300	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	7.08%	7.08%
14	**Annual Allocation Factor for Return**	**Sum of line 11 and 13**		**8.53%**

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 No.	**Project Name**	**MTEP Project Number**	**Project Gross Plant**	**Project Accumulated Depreciation**	**Transmission O&M Annual Allocation Factor**	**Annual Allocation for Transmission O&M Expense**	**Other Expense Annual Allocation Factor**	**Annual Allocation for Other Expense**	**Annual Expense Charge**	**Project Net Plant**	**Annual Allocation Factor for Return**	**Annual Return Charge**	**Project Depreciation Expense**	**Preliminary Survey and Investigation Expenses**	**Annual Revenue Requirement**	**True-Up Adjustment**	**MVP Annual Adjusted Revenue Requirement**
			(Note C)		Page 1 line 4	(Col 4 * Col 5)	Page 1 line 9	(Col 3 * Col 7)	(Col 6 + Col 8)	(Col 3 - Col 4)	(Page 1 line 14)	(Col 10 * Col 11)	(Note E)	(Note J)	(Sum Col. 9, 12, 13 & 13a)	(Note F)	Sum Col. 14 & 15 (Note G)
Multi-Value Projects (MVP)																	
1a	Pleasant Prairie - Zion Energy Center 345 kV Line (MTEP11)	2844	$ 33,509,843	$ 9,048,377	4.54%	$ 410,872	1.43%	$477,825	$888,697	$ 24,461,466	8.53%	$ 2,087,112	$ 699,858	$ -	$3,675,667	$ 291,569	$ 3,967,236
1b	LaCrosse-Madison 345 kV - Dubuque Co - Spring Green 345 kV (MTEP11)	3127	$ 553,229,563	$ 64,681,356	4.54%	$ 2,937,078	1.43%	$7,888,641	$10,825,719	$ 488,548,207	8.53%	$ 41,684,117	$ 12,014,813	$ -	$64,524,649	$ 3,096,983	$ 67,621,632
1c	Tremval-Eau Claire-Jump River (MTEP21)	23408	$ 81,813,671	$ 52,037	4.54%	$ 2,363	1.43%	$1,166,602	$1,168,965	$ 81,761,634	8.53%	$ 6,976,101	$ 104,073	$ 401,765	$8,650,904	$ 6,613,864	$ 15,264,768
1d	Tremval-Columbia (MTEP21)	23372	$ 1,993,154	$ 27,848	4.54%	$ 1,265	1.43%	$28,421	$29,686	$ 1,965,306	8.53%	$ 167,685	$ 27,848	$ -	$225,219	$ (4,550,046)	$ (4,324,827)
1d	LRTP-26: North Rochester - Columbia (MTEP24)	50559	$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ 30,296	$30,296	$ -	$ 30,296
1f	LRTP-29: Bluemound - Arcadian - Waukesha - Muskego - Elm Road - Racine (MTEP24)	50562	$ 2,517,331	$ -	4.54%	$ -	1.43%	$35,895	$35,895	$ 2,517,331	8.53%	$ 214,785	$ -	$ 2,185,992	$2,436,672	$ -	$ 2,436,672
1g	LRTP-30: Columbia - Sugar Creek (MTEP24)	50563	$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ 30,296	$30,296	$ -	$ 30,296
1h			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1i			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1j			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1k			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1l			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1m			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1n			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1o			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1p			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1q			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1r			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1s			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1t			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1u			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1v			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1w			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
1x			$ -	$ -	4.54%	$ -	1.43%	$0	$0	$ -	8.53%	$ -	$ -	$ -	$0	$ -	$ -
2	MVP Total Annual Revenue Requirements		$673,063,562	$73,809,618		$3,351,578		$9,597,384	$12,948,962	$599,253,945		$51,129,800	$12,846,592	$2,648,349	$79,573,703	$5,452,370	$85,026,073
3	Rev. Req. Adj For Attachment O - ATCLLC														$79,573,703		
4	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note K)														$0.00	$0.00	$0.00
5	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note K)														$0.00	$0.00	$0.00
6	MISO System-Wide Total MVP Annual Revenue Requirement (Note K)														$0.00	$0.00	$0.00

Note Letter

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. Gross Transmission Plant also includes Gross Energy Storage Plant identified as a transmission asset on page 2 line 3a of Attachment O-ATCLLC less gross plant adjustment from Note L, line 1. Transmission Accumulated Depreciation includes Energy Storage Accumulated Depreciation identified as a transmission asset and are ~~is that~~ identified on Attachment O-ATCLLC page 2, lines 8a, 8b and 12a and Attachment O-ATCLLC page 2 line 9a, respectively, and comports with this Note A and Note B below. Note the amount reported in Line 12a of Attachment O – ATCLLC is a negative and subtracting a negative number results in a positive value. Transmission Accumulated Depreciation on line 1a is reduced by the accumulated depreciation adjustment from Note L, line 2.

B Net Transmission and Energy Storage Plant is that identified on page 2 lines 14a, ~~and~~ 14b and 15a of Attachment O - ATCLLC and is inclusive of any CWIP included in rate base.

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, but does not exclude project-specific amounts in Accounts 351.1, 351.2, or 351.3 (if applicable), 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.

E 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.

F True-Up Adjustment is included pursuant to Attachment MM - ATCLLC Annual True-up Procedure.

G The MVP Annual Revenue Requirement is the value to be used in Schedule 26-A.

H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 13. Note the amount reported in Line 9a of Attachment O – ATCLLC is a negative and should be used as a negative number. Also includes depreciation and amortization adjustment from Note L, line 4.

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

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

K Line 4 is only applicable to the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 5 is only applicable to the MISO South MVP Cost Allocation Subregion projects. Line 6 is only applicable to the MISO system-wide footprint projects approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint that terminates in either the MISO Midwest MVP Cost Allocation Subregion or the MISO South MVP Cost Allocation Subregion as identified in Attachment XX.

L Gross plant, accumulated depreciation and general and common depreciation expense adjustments related to Accounts 351.1, 351.2 and 351.3.

	Company Total	TP	Transmission	
1. Gross plant in Accounts 351.1, 351.2 and 351.3 (included in Attachment O-ATCLLC, p 2, line 2a).	$ 244,323,418	1.00000	$ 244,323,418	- Exclude from page 1, line 1
2. Accumulated depreciation related to Accounts 351.1, 351.2 and 351.3 (included in Attachment O-ATCLLC, p 2, line 8a).	$ 62,729,955	1.00000	$ 62,729,955	- Exclude from page 1, line 1a
3. Net plant for Accounts 351.1, 351.2 and 351.3.	$ 181,593,463		$ 181,593,463	
4. Depreciation & amortization related to Accounts 351.1, 351.2 and 351.3 (included in Attachment O-ATCLLC, p 3, line 9)	$ 17,613,228	1.00000	$ 17,613,228	- Include with page 1, line 5