

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)

(1)		(2)	(3)	(4)
Line No.		Attachment O - ATCLLC Page, Line, Col.	Transmission	Allocator
1	Gross Transmission Plant - Total	Attach O - ATCLLC, p 2, line 2a and 2b col 5 (Note A)	8,633,519,746	
1a	Transmission Accumulated Depreciation	Attach O - ATCLLC, p 2, line 8a and 8b col 5 (Note A)	2,471,405,691	
2	Net Transmission Plant - Total	Line 1 minus Line 1a (Note B)	6,162,114,055	
O&M TRANSMISSION EXPENSE				
3	Total O&M Allocated to Transmission	Attach O - ATCLLC, p 3, line 8 col 5	184,215,301	
3a	Transmission O&M	Attach O - ATCLLC, p 3, line 1 col 5	134,236,549	
3a1	Less Preliminary Survey and Investigation Adjustment (Note I)	Preliminary and Survey Expense included in Attach O - ATCLLC, P 3, line 1 col 5	23,878,716	
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	110,357,833	
4	Annual Allocation Factor for Transmission O&M	(Line 3d divided by line 1a, col 3)	4.47%	4.47%
OTHER O&M EXPENSE				
4a	Other O&M Allocated to Transmission	Line 3 minus Lines 3d and 3a1	49,978,752	
4b	Annual Allocation Factor for Other O&M	Line 4a divided by Line 1, col 3	0.58%	0.58%
REGULATORY LIABILITY AMORTIZATION AND GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE				
5	Total G&C Depreciation Expense	Attach O - ATCLLC, p 3, lines 10 & 11, col 5 (Note H)	27,762,323	
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1 col 3)	0.32%	0.32%
TAXES OTHER THAN INCOME TAXES				
7	Total Other Taxes	Attach O - ATCLLC, p 3, line 20 col 5	35,135,746	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.41%	0.41%
9	Annual Allocation Factor for Other Expense	Sum of line 4b, 6, and 8	1.31%	1.31%
INCOME TAXES				
10	Total Income Taxes	Attach O - ATCLLC, p 3, line 27 col 5	86,073,161	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	1.40%	1.40%
RETURN				
12	Return on Rate Base	Attach O - ATCLLC, p 3, line 28 col 5	417,665,279	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	6.78%	6.78%
14	Annual Allocation Factor for Return	Sum of line 11 and 13	8.17%	8.17%

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 Expense	Annual Revenue Requirement	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement
					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)
					(Note C)												
Multi-Value Projects (MVP)																	
1a	Pleasant Prairie - Zion Energy Center 345 kV Line (MTEP11)	2844	\$ 33,509,843	\$ 8,349,017	4.47%	\$ 372,816	1.31%	\$ 438,116	\$ 810,932	\$ 25,160,826	8.17%	\$ 2,056,839	\$ 700,356	\$ -	\$ 3,568,127	\$ 321,245	\$ 3,889,372
1b	LaCrosse-Madison 345 kV - Dubuque Co - Spring Green 345 kV (MTEP11)	3127	\$ 551,030,092	\$ 52,839,899	4.47%	\$ 2,359,506	1.31%	\$ 7,204,307	\$ 9,563,813	\$ 498,190,193	8.17%	\$ 40,725,885	\$ 12,006,944	\$ -	\$ 62,296,642	\$ 5,054,768	\$ 67,351,409
1c	Tremval - Rocky Run - Columbia (MTEP21)	23408	\$ 3,796,162	\$ 6,123	4.47%	\$ 273	1.31%	\$ 49,632	\$ 49,905	\$ 3,790,039	8.17%	\$ 309,827	\$ 28,976	\$ 5,761,677	\$ 6,150,385	\$ 6,490,780	\$ 12,641,165
1d	Tremval-Eau Claire-Jump River (MTEP21)	23372	\$ 1,058,856	\$ 28,060	4.47%	\$ 1,253	1.31%	\$ 13,844	\$ 15,097	\$ 1,030,796	8.17%	\$ 84,265	\$ 28,060	\$ 240,111	\$ 367,533	\$ 96,536	\$ 464,069

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. Transmission Accumulated Depreciation is that identified on page 2, lines 8a, 8b and 12a 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.

B 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.

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 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.

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.