Formula Rate calculation

To be completed in conjunction with Attachment O - ATCLLC.

(1)

(2) Attachment O - ATCLLC Page, Line, Col.

Attach O - ATCLLC, p 2, line 2 col 5 (Note A) Attach O - ATCLLC, p 2, line 14 col 5 (Note B)

Attach O - ATCLLC, p 3, line 8 col 5 Included in Attach O - ATCLLC, P 3, line 1 col 5 (line 3 minus line 3a col 3) (line 3b divided by line 1 col 3)

Attach O - ATCLLC, p 3, lines 10 & 11, col 5 (Note H) (line 5 divided by line 1 col 3)

> Attach O - ATCLLC, p 3, line 20 col 5 (line 7 divided by line 1 col 3)

> > Sum of line 4, 6, and 8

Attach O - ATCLLC, p 3, line 27 col 5 (line 10 divided by line 2 col 3)

Attach O - ATCLLC, p 3, line 28 col 5 (line 12 divided by line 2 col 3)

Sum of line 11 and 13

Gross Transmission Plant - Total
 Net Transmission Plant - Total

O&M EXPENSE

Line No.

- 3 Total O&M Allocated to Transmission
- 3a Less: Preliminary Survey and Investigation Adjustment (Note I)3b Adjusted O&M Allocated to Transmission
- 4 Annual Allocation Factor for O&M
- GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE 5 Total G&C Depreciation Expense
- 6 Annual Allocation Factor for G&C Depreciation Expense
- TAXES OTHER THAN INCOME TAXES 7 Total Other Taxes
- 8 Annual Allocation Factor for Other Taxes

## 9 Annual Allocation Factor for Expense

INCOME TAXES

- Total Income Taxes
   Annual Allocation Factor for Income Taxes
- RETURN 12 Return on Rate Base
- 13 Annual Allocation Factor for Return on Rate Base
- 14 Annual Allocation Factor for Return

	Rate Formula Template Utilizing Attachment O - ATCLLC Da	ita		Attachment GG - ATCLLC For the 12 months ended 12/31/2021 Page 1 of 2
American	Transmission Company LLC			rage rorz
	(3)		(4)	
	Transmission		Allocator	
ote A) ote B)	6,807,987,697 4,941,048,599			
5 1 col 5	134,452,627 3,768,949 130,683,678 1.92%		1.92%	
i (Note H)	<mark>19,116,340</mark> 0.28%		0.28%	
5	<mark>31,378,080</mark> 0.46%		0.46% <b>2.66%</b>	
5	70,056,245 1.42%		1.42%	
5	305,822,384 6.19%		6.19%	
			7.61%	

## Network Upgrade Charge Calculation By Project

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(9a)	(10)	(11)	(12)
				Annual			Annual			Preliminary			
				Allocation			Allocation		Project	Survey and			
Line		MTEP Project		Factor for	Annual Expense	Project Net	Factor for	Annual Return	Depreciation	Investigation	Annual Revenue	True-Up	Network
No.	Project Name	Number	Project Gross P	ant Expense	Charge	Plant	Return	Charge	Expense	Expense	Requirement	Adjustment	Upgrade Charge
													(Sum Col. 10 &
											(Sum Col. 5, 8, 9 &		11)
			(Note C)	(Page 1 line 9)	(Col. 3 * Col. 4)	(Note D)	(Page 1 line 14	) (Col. 6 * Col. 7)	(Note E)	(Note J)	9a)	(Note F)	(Note G)
1a	Werner West-Morgan	345	\$ 141,574,	<b>630</b> 2.66%	\$ 3,767,666	\$ 102,655,028	7.61%	6 \$ 7,809,239	\$ 3,525,208	\$ -	\$ 15,102,113	\$ (42,191)	\$ 15,059,922
1b	Pleasant Valley - St. Lawrence	1453	\$ 8,745,			\$ 5,542,976			\$ 253,623	-	\$ 908,036		
1c	Cranberry-Conover-Iron River-Plains	352	\$ 88,198,			\$ 60,886,777			\$ 2,213,784		\$ 9,192,793		
1d	Rockdale-W.Middleton 345kV	356	\$ 141,104,								\$ 15,607,961	\$ (47,142)	
1g	G507-Cedar Ridge Wind Farm	1616	\$ 1,251,						\$ 34,655		\$ 145,640		
1h	GIC706-H012 Glacier Hills Wind Park	3160	\$ 2,141,						\$ 61,245		\$ 247,192		
11	G834 Interim Upgrades	2837	\$ 520,						\$ 15,781		\$ 65,144	\$ (2,221)	
1i	G833 Interim Upgrades	2793		<b>371</b> 2.66%		\$ 368,115			\$ 440		\$ 28,680		\$ 28,689
., 1k	2nd Kewaunee Xfr	1950	\$ 14,868,			\$ 10,844,914			\$ 459,428		\$ 1,680,111		
11	G833/4 Long Term Solution	3206	\$ 26,117,			\$ 23,764,442					\$ 3,228,408	\$ 36,793	
1m	Straits Power Flow Controller	2846	\$ 121,185,			\$ 93,010,871					\$ 14,675,413		
1n	Rebuild Arcadian - Waukesha 138kV lines	1270	\$	- 2.66%		\$ -	7.61%		\$ -	\$-	\$ -	\$ (0)	\$ (0)
10	Arnold Transformer	3125	\$ 26,602,			\$ 22,146,344			\$ 814,029	\$-	\$ 3,206,714	\$ (18,746)	\$ 3,187,968
1p	Green Bay to Morgan 345 kV / Memominee Co to Delta Co 138 kV	3679	\$ 225,379,			\$ 204,232,747			\$ 5,942,781		\$ 27,477,228	\$ (1,214,301)	
1q	Lafayette County Wind GIC-J395 Falcon Substation & Network	12284	\$ 7,495,			\$ 6,947,645			\$ 207,997		\$ 936,007	\$ 89,381	\$ 1,025,388
	Upgrades				, , ,			, ,	,		, , ,		. , ,
1r	West Riverside GIC J390 Kittyhawk Substation	13103	\$ 20,660,	<mark>353</mark> 2.66%	549,839	\$ 20,042,278	7.61%	6 \$ 1,524,669	\$ 573,958	\$-	\$ 2,648,466	\$ (594,560)	\$ 2,053,905
1s	J703 WeEnergies GIC-NetworkUpgrades	13784	\$ 6,753,			\$ 6,354,023	7.61%	6 \$ 483,367	\$ 187,620	\$ -	\$ 850,723		
1t	J704 WeEnergies GIC-NetworkUpgrades	13769	\$ 8,432,	<mark>675</mark> 2.66%	\$ 224,415	\$ 7,932,391	7.61%	603,438	\$ 234,260	\$-	\$ 1,062,113	\$ 288,116	\$ 1,350,229
1u	J505 GIC, Apollo SS, Generator Interconnection and Network Facilities	14925	\$ 482,	<mark>506</mark> 2.66%	5 \$ 12,841	\$ 480,819	7.61%	<b>\$</b> 36,577	\$ 14,520	\$-	\$ 63,938	\$-	\$ 63,938
1v	Garden Corners SS GIC Network Upgrades	16494	\$ 167,	9 <mark>58</mark> 2.66%	\$ 4,470	\$ 164,478	7.61%	6 \$ 12,512	\$ 4,666	\$-	\$ 21,648	\$-	\$ 21,648
1w	J928/J849 Indian Lake Common Use Upgrades	17064	\$ 41,	<mark>106</mark> 2.66%		\$ 40,249	7.61%			\$ -	\$ 5,298	\$-	\$ 5,298
1x	J870/J871 MPFCA Highland Generator Network Upgrades	17525	\$	- 2.66%	<b>\$</b> -	\$-	7.61%	<b>ś</b> -	\$-	\$-	\$-	\$-	\$-
1y	J886 GIC Kewaunee SS Interconnection Facilities and Network Upgrades	17526	\$ 503,	346 2.66%	5 \$ 13,409	\$ 495,693	7.61%	<b>\$</b> 37,709	\$ 14,012	\$-	\$ 65,129	\$-	\$ 65,129
1z	J807 GIC Falcon SS Addition - Generator Interconnection Facilities and Network Upgrades	18566	\$	<mark>60</mark> 2.66%	\$ 2	\$ 60	7.61%	6\$5	\$ 2	\$-	\$ 8	\$-	\$8
1aa	J821 GIC Zenith SS - Generator Interconnection Facilities and Network Upgrades	18567	\$ 6,	<mark>590</mark> 2.66%	5 <b>\$</b> 175	\$ 6,575	7.61%	<b>\$</b> 500	\$ 198	\$-	\$ 874	\$-	\$ 874
1bb	J855 GIC Ebenezer SS - Generator Interconnection Facilities and Network Upgrades	18665	\$ 91,	<b>535</b> 2.66%	\$ 2,436	\$ 90,805	7.61%	6,908	\$ 2,755	\$-	\$ 12,099	\$-	\$ 12,099
2	Annual Totals									\$0	97,231,735	(\$1,337,892)	\$95,893,843

3 Rev. Req. Adj For Attachment O - ATCLLC

## Note

Letter	
А	Gross Transmission Plant is that identified on page 2 line 2 of Attachment O - ATCLLC and includes any sub lines 2a or 2b etc. and is i
В	Net Transmission Plant is that identified on page 2 line 14 of Attachment O - ATCLLC and includes any sub lines 14a or 14b etc. and is
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 in their original capabilities.
D	Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
Е	Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O - AT
F	True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.
G	The Network Upgrade Charge is the value to be used in schedules associated with Attachment GG - ATCLLC.
Н	The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and there
I	Preliminary Survey and Investigation expense (pre-certification costs) equals the actual value booked, or projected to be booked for for

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. 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 RECB Projects and included in Attachment O – ATCLLC, Page 3, Line 1, Column 5. J

Rate Formula Template Utilizing Attachment O - ATCLLC Data

American Transmission Company LLC

\$97,231,735

is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.

d is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.

d includes CWIP in rate base less any prefunded AFUDC, if applicable. This value includes subsequent capital investments required to maintain the facilities to

ATCLLC page 3 line 12.

ereby included in page 2 column 9.

Attachment GG - ATCLLC For the 12 months ended 12/31/2021

Page 2 of 2