	Formula Rate calculation	American	Rate Formula Template Utilizing Attachment O - ATCLLC Data		Attachment GG - ATCLLC For the 12 months ended 12/31/2018 Page 1 of 2			
	To be completed in conjunction with Attachment O - ATCLLC.							
Line	(1)	(2) Attachment O - ATCLLC Page, Line, Col.	(3) Transmission	(4) Allocator				
No.		· -g-, -···,··						
1 2	Gross Transmission Plant - Total Net Transmission Plant - Total	Attach O - ATCLLC, p 2, line 2 col 5 (Note A) Attach O - ATCLLC, p 2, line 14 col 5 (Note B)	5,851,633,139 4,360,449,446					
3 3a 3b 4	O&M EXPENSE Total O&M Allocated to Transmission Less: Preliminary Survey and Investigation Adjustment (Note I) Adjusted O&M Allocated to Transmission Annual Allocation Factor for O&M	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)	149.515,962 9.451,132 140,064,830 2.39%	2.39%				
5 6	GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE Total G&C Depreciation Expense Annual Allocation Factor for G&C Depreciation Expense	Attach O - ATCLLC, p 3, lines 10 & 11, col 5 (Note H) (line 5 divided by line 1 col 3)	16,383,926 0.28%	0.28%				
7 8	TAXES OTHER THAN INCOME TAXES Total Other Taxes Annual Allocation Factor for Other Taxes	Attach O - ATCLLC, p 3, line 20 col 5 (line 7 divided by line 1 col 3)	<mark>28,924,162</mark> 0.49%	0.49%				
9	Annual Allocation Factor for Expense	Sum of line 4, 6, and 8		3.17%				
10 11	INCOME TAXES Total Income Taxes Annual Allocation Factor for Income Taxes	Attach O - ATCLLC, p 3, line 27 col 5 (line 10 divided by line 2 col 3)	<mark>64,253,731</mark> 1.47%	1.47%				
12 13	RETURN Return on Rate Base Annual Allocation Factor for Return on Rate Base	Attach O - ATCLLC, p 3, line 28 col 5 (line 12 divided by line 2 col 3)	284,974,594 6.54%	6.54%				
14	Annual Allocation Factor for Return	Sum of line 11 and 13		8.01%				

Rate Formula Template Utilizing Attachment O - ATCLLC Data

Attachment GG - ATCLLC For the 12 months ended 12/31/2018

Page 2 of 2

American Transmission Company LLC

Network Upgrade Charge Calculation By Project

	(1)	(2)		(3)	(4) Annual	(5)	(6)	(7) Annual	(8)	(9)	(9a) Preliminary	(10)	(11)	(12)
Line No.	Project Name	MTEP Project Number	Proje	ect Gross Plant	Allocation	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Survey and Investigation Expense	Annual Revenue Requirement	True-Up Adjustment	Network Upgrade Charge
														(Sum Col. 10
				(Note C)	(Page 1 line 9)	(Col. 2 * Col. 4)	(Note D)	(Page 1 line 14)	(Col. 6 * Col. 7)	(Note E)	(Note J)	(Sum Col. 5, 8, 9 & 9a)	(Note F)	11) (Note G)
				(NOLE C)	(rage rime 3)	(001. 3 001. 4)	(NOLE D)	(rage rine 14)	(001.0 001.7)		(11018-0)	Ja)	(Note I)	(Note Ci)
a	Werner West-Morgan	345	\$	147,960,618	3.17%	\$ 4,687,220	\$ 112,824,709	8.01%	\$ 9,036,129	\$ 3,704,074	\$ -	\$ 17,427,424	\$ (418,957)	\$ 17.008.46
1b	Pleasant Valley - St. Lawrence	1453	ŝ	8,751,972	3.17%		\$ 6.302.173			\$ 253,987		\$ 1.035.980		
1c	Cranberry-Conover-Iron River-Plains	352	\$	88,215,724	3.17%					\$ 2,214,656		\$ 10,417,069		
1d	Rockdale-W.Middleton 345kV	356	\$	141,173,980	3.17%	\$ 4,472,227	\$ 122,595,205	8.01%	\$ 9.818.648	\$ 3,274,989	\$ -	\$ 17,565,864	\$ (447,970)	\$ 17.117.89
1e	Lake Delton- Birchwood 138 kV line	1621	\$	-	3.17%		\$ -	8.01%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1f	Horicon-East Beaver Dam 138 kV line	1712	\$	-	3.17%		\$ -	8.01%	s -	\$ -	\$-	\$ -	\$ -	\$ -
1g	G507-Cedar Ridge Wind Farm	1616	\$	1.379.726	3.17%		\$ 1.009.984	8.01%	\$ 80,890	\$ 38,805	\$ -	\$ 163,403	\$ (774)	\$ 162.62
1h	GIC706-H012 Glacier Hills Wind Park	2452/3160	s	2,141,427	3.17%		\$ 1,771,048	8.01%				\$ 270,957		
1i	G834 Interim Upgrades	2837	\$	626,603	3.17%	\$ 19,850	\$ 512,935	8.01%	\$ 41,081	\$ 19,032	\$-	\$ 79,963		
1i	G833 Interim Upgrades	2793	\$	298,602	3.17%		\$ 353,393			\$ 14.811		\$ 52.573		
1k	2nd Kewaunee Xfr	1950	\$	14,970,696	3.17%	\$ 474.254	\$ 12.228.995	8.01%	\$ 979,420	\$ 463,718	\$-	\$ 1,917,392		
11	G833/4 Long Term Solution	3206	\$	25,972,360	3.17%	\$ 822,774	\$ 25,710,572	8.01%	\$ 2,059,159	\$ 614,418	\$ -	\$ 3,496,352		
1m	Straits Power Flow Controller	2846	\$	124,241,713	3.17%	\$ 3,935,833	\$ 108,751,526	8.01%	\$ 8,709,908	\$ 4,540,752	\$ -	\$ 17,186,493	\$ (277,386)	\$ 16,909,10
1n	Rebuild Arcadian - Waukesha 138kV lines	1270	\$	-	3.17%		\$-	8.01%	\$ -	\$-	\$-	\$ -	\$ 1,335	
10	Arnold Transformer	3125	\$	26,877,677	3.17%		\$ 24,577,948			\$ 748,543		\$ 3,568,444		
1p	Green Bay to Morgan 345 kV / Memominee Co to Delta Co 138 kV	3679	\$	240,327,298	3.17%		\$ 236,275,505			\$ 3,036,621		\$ 29,573,211		
1q	Lafayette County Wind GIC-J395 Falcon Substation & Network Upgrades	12284	\$	2,917,602	3.17%	\$ 92,426	\$ 2,856,871	8.01%	\$ 228,807	\$ 81,255	\$ -	\$ 402,488	\$ -	\$ 402,48
1r	Cambridge (Dane Co), Nat Gas Simple Cycle CT Uprate, GIP J-384, Network Upgrades	12283	\$	-	3.17%	\$-	\$-	8.01%	\$-	\$-	\$-	\$ -	\$-	\$-
1s	West Riverside GIC J390 Kittyhawk Substation	13103	\$	-	3.17%	\$ -	\$ -	8.01%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1t	J703 GIC-Network Upgrades	13784	\$	-	3.17%	\$ -	\$ -	8.01%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	J704 GIC-NetworkUpgrades	13769	\$	-	3.17%		\$ -	8.01%		\$ -	\$ -	\$ -	\$ -	\$ -
1u	J711 GIC-Network Upgrades	14204	\$	-	3.17%	\$ -	s -	8.01%	s -	\$ -	\$ -	s -	\$ -	\$ -

3 Rev. Reg. Adj For Attachment O - ATCLLC

\$103,157,613

Note Letter

Α

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 inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable. 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 inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable. 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 less any prefunded AFUDC, if applicable. This value includes subsequent capital investments required to maintain the facilities to 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 - ATCLLC page 3 line 12.

F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.

The Network Upgrade Charge is the value to be used in schedules associated with Attachment GG - ATCLLC. G

The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9. H

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 all of the MISO approved RECB Projects and included in Attachment O – ATCLLC, Page 3, Line 1, Column 5. .1