	Formula Rate calculation	America	Rate Formula Template Utilizing Attachment O - ATCLLC Data	Attachment GG - ATCLLC For the 12 months ended 12/31/2016 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.								
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)	5,101,682,290 3,827,454,717					
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)	145,085,659 9,862,089 135,223,570 2.65%	2.65%				
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)	<mark>9,148,828</mark> 0.18%	0.18%				
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>24,995,930</mark> 0.49%	0.49%				
9	Annual Allocation Factor for Expense	Sum of line 4, 6, and 8		3.32%				
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)	116,326,263 3.04%	3.04%				
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)	277,638,435 7.25%	7.25%				
14	Annual Allocation Factor for Return	Sum of line 11 and 13		10.29%				

Rate Formula Template Utilizing Attachment O - ATCLLC Data

Attachment GG - ATCLLC For the 12 months ended 12/31/2016

Page 2 of 2

American Transmission Company LLC

/ork U	pgrade	Charge	Calculation	By	Project	
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Netw

Line MTEP Project Number MTEP Project Number MTEP Project Requirement MTEP Project Expense MTEP Project Requirement MTEP Project Requirement <th< th=""><th>(1)</th><th>(2)</th><th>(3)</th><th>(4)</th><th>(5)</th><th>(6)</th><th>(7)</th><th>(8)</th><th>(9)</th><th>(9a)</th><th>(10)</th><th>(11)</th><th>(12)</th></th<>	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(9a)	(10)	(11)	(12)
Image: Note C) (Page 1 line 9) (Col. 3 · Col. 4) (Note D) (Page 1 line 14) (Col. 6 · Col. 7) (Note D) (Page 1 line 14) (Col. 6 · Col. 7) (Note D) (Page 1 line 14) (Col. 6 · Col. 7) (Note D) (Page 1 line 14) (Col. 6 · Col. 7) (Note D) (Page 1 line 14) (Col. 6 · Col. 7) (Note D) (Page 1 line 14) (Col. 6 · Col. 7) (Note D) (Page 1 line 14) (Col. 6 · Col. 7) (Note D) (Page 1 line 14) (Col. 6 · Col. 7) (Note D) (Page 1 line 14) (Col. 6 · Col. 7) (Note D) (Page 1 line 14) (Col. 3 · Col. 4) (Note D) (Page 1 line 14) (Col. 3 · Col. 4) (Note D) (Page 1 line 14) (Col. 3 · Col. 4) (Note D) (Page 1 line 14) (Col. 3 · Col. 4) (Note D) (Page 1 line 14) (Col. 3 · Col. 4) (Note D) (Page 1 line 14) (Col. 3 · Col. 4) (Note D) (Page 1 line 14)			Project Gross P	Factor for			Factor for		Depreciation	Investigation			Network Upgrade Charge
2 Annual Totals	1a Werner West-Morgan 1b Pleasant Valley - St. Lawrence 1c Cranberry-Conover-Iron River-Plains 1d Rockdale-W.Midleton 345kV 1e Lake Delton- Birchwood 138 kV line 1f Horicon-East Beaver Dam 138 kV line 1g G507-Cedar Ridge Wind Farm 1h GIC706-H012 Glacier Hills Wind Park 1i G834 Interim Upgrades 1k 2nd Kewaunee Xfr 1 G834 Long Term Solution 1m Straits Power Flow Controller 1n Straits Power Flow Controller 1n Amold Transformer	345 1453 352 356 1621 1712 1616 2452/3160 2837 2793 1950 3206 2846 1270 3125	(Note C) \$ 148,505; \$ 8,751; \$ 88,220; \$ 141,173; \$ 2,141, \$ 2,626, \$ 15,402; \$ 15,402; \$ 15,402; \$ 124,237; \$ 26,455;	(Page 1 line 9) 303 3.32' 372 3.32' 380 3.32' - 3.32' - 3.32' 726 3.32' 726 3.32' 726 3.32' 726 3.32' 730 3.32' 755 3.32' 755 3.32' 755 3.32' 755 3.32'	(Col. 3 * Col. 4) (Col. 3 * Col. 4) (\$ 4,930,174 (\$ 2,90553 (\$ 2,928,804 (\$ 4,666,768 (\$ 5,71,092 (\$ 5,01,092 (\$ 5	(Note D) \$ 120,159,932 \$ 6,808,951 \$ 71,977,079 \$ 129,174,647 \$ 13,146,428 \$ 1,888,529 \$ 546,115 \$ 338,246 \$ 13,146,428 \$ 11,72,7555 \$ 117,375,350 \$ 100,811,933 \$ 100,811,913 \$ 100,811,913 \$ 100,811,913 \$ 100,811,913 \$ 100,811,913 \$ 100,811,91	(Page 1 line 14) 10.29%	(Col. 6 * Col. 7) \$ 12,368,212 \$ 700,854 \$ 7,408,691 \$ 13,296,108 \$ 5,212 \$ 34,816 \$ 5,212 \$ 34,816 \$ 1,353,178 \$ 120,713 \$ 12,081,591 \$ 2,674,288 \$ 10,376,698	(Note E) \$ 3,846,484 \$ 221,596 \$ 2,270,475 \$ 3,387,242 \$ - \$ 3,87,46 \$ 59,365 \$ 18,279 \$ 17,699 \$ 456,123 \$ - \$ 3,356,379 \$ 714,689 \$ 783,865	(Note J) \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	(Sum Col. 5, 8, 9 & 9a) \$ 21,144,870 \$ 1,243,002 \$ 12,607,970 \$ 21,370,117 \$ - \$ 195,634 \$ 324,846 \$ 95,293 \$ 65,991 \$ 2,320,634 \$ 159,647 \$ 19,562,483 \$ 4,267,246 \$ 14,512,544	(Note F) \$ (1,197,078) \$ (47,002) \$ (6,055,212) \$ (1,048,820) \$ (1,048,820) \$ (140,343) \$ (140,343) \$ (140,343) \$ (35,448) \$ (75,332) \$ (33,000) \$ (1,032,009) \$ (68,307) \$ (25,3922)	(Sum Col. 10 & 11) (Note G) \$ 19,947,792 \$ 1,196,001 \$ 6,552,758 \$ 20,321,297 \$ - \$ - \$ 3,358 \$ 184,503 \$ 51,700 \$ 30,543 \$ 2,245,303 \$ 126,646 \$ 18,530,474 \$ (68,307 \$ 4,522,1168
2 millua i ulais	2 Annual Totals									\$0	\$97,870,278	(\$11,051,556)	\$86,818,72

3 Rev. Req. Adj For Attachment O - ATCLLC \$97,870,278

Note Letter

A B

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. 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 c original capabilities.

D

Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation. Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation Expense in Attachment O - ATCLLC page 3 line 12. 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. Е

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G

H

The Total devices and inclusion of the second and t

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