Rate Formula Template Utilizing Attachment O Data

## American Transmission Company LLC

To be completed in conjunction with Attachment O.

	(1)	(2) Attachment O	(3)
Line		Page, Line, Col.	Transmission
No.			
1	Gross Transmission Plant - Total	Attach O, p 2, line 2 col 5 (Note A)	4,150,928,538
2	Net Transmission Plant - Total	Attach O, p 2, line 14 and 23b col 5 (Note B)	3,155,630,823
	O&M EXPENSE		
3	Total O&M Allocated to Transmission	Attach O, p 3, line 8 col 5	159,809,923
4	Annual Allocation Factor for O&M	(line 3 divided by line 1 col 3)	3.85%
	CENTERAL AND COMMON (COO) DERRECIATION E	VDENCE	
5	GENERAL AND COMMON (G&C) DEPRECIATION EX Total G&C Depreciation Expense	Attach O, p 3, lines 10 & 11, col 5 (Note H)	5,874,067
6	Annual Allocation Factor for G&C Depreciation Expense		0.14%
7	TAXES OTHER THAN INCOME TAXES	Attack O = 0 line 00 and 5	10 170 000
/ 8	Total Other Taxes Annual Allocation Factor for Other Taxes	Attach O, p 3, line 20 col 5 (line 7 divided by line 1 col 3)	18,179,330 0.44%
0	Allitudi Allocation Factor for Other Taxes	(line 7 divided by line 1 coi 3)	0.44 /6
9	Annual Allocation Factor for Expense	Sum of line 4, 6, and 8	
	INCOME TAXES		
10	Total Income Taxes	Attach O, p 3, line 27 col 5	100.390.060
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	3.18%
	DETUDA		
12	RETURN Return on Rate Base	Attach O, p 3, line 28 col 5	238,960,682
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	7.57%
		,	
14	Annual Allocation Factor for Return	Sum of line 11 and 13	

Attachment GG For the 12 months ended 12/31/2013

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Attachment GG For the 12 months ended 12/31/2013

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## American Transmission Company LLC

## **Network Upgrade Charge Calculation By Project**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Line	Part of Maria	MTEP Project	•	Annual Allocation Factor for	Annual Expense	Project Net	Annual Allocation Factor for	Annual Return	Project Depreciation	Annual Revenue	True-Up	Network
No.	Project Name	Number	Plant	Expense	Charge	Plant	Return	Charge	Expense	Requirement	Adjustment	Upgrade Charge
												Sum Col. 10 &
			(1)	(D 4 l' 0)	(0.1.0 + 0.1.4)	(NI.1. D)	(D 4 l' 4 A)	(0.1.0+0.1.7)	(Mate 5)	(0 0 .1 5 .0 0 0)	(NI. 1 - F)	11
			(Note C)	(Page 1 line 9)	(Col. 3 * Col. 4)	(Note D)	(Page I line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	(Note G)
1a	Werner West-Morgan	345	\$ 148,597,383	4.43%	\$ 6,582,047	\$ 131,527,808	10.75%	\$ 14,144,259	\$ 4,014,471	\$ 24,740,778	\$ (3,813,382)	\$ 20,927,396
1b	Pleasant Valley - St. Lawrence	1453	\$ 8,764,879	4.43%	\$ 388,236	\$ 7,578,696	10.75%	\$ 814,999	\$ 236,790	\$ 1,440,025	\$ (134,544)	\$ 1,305,481
1c	Cranberry-Conover-Iron River-Plains	352	\$ 92,883,232	4.43%	\$ 4,114,217	\$ 82,745,296	10.75%	\$ 8,898,277	\$ 2,509,311	\$ 15,521,805	\$ (1,233,292)	\$ 14,288,513
1d	Rockdale-W.Middleton 345kV	356	\$ 139,801,186	4.43%	\$ 6,192,424	\$ 138,431,784	10.75%	\$ 14,886,700	\$ 2,601,148	\$ 23,680,272	\$ (1,476,984)	\$ 22,203,288
1e	Lake Delton- Birchwood 138 kV line	1621	\$ -	4.43%	\$ -	\$ -	10.75%	\$ -	\$ -	\$ -	\$ -	\$ -
1f	Horicon-East Beaver Dam 138 kV line	1712	\$ -	4.43%	\$ -	\$ -	10.75%	\$ -	\$ -	\$ -	\$ -	\$ -
1g	G507-Cedar Ridge Wind Farm	1616	\$ 1,382,779	4.43%	\$ 61,249	\$ 1,200,292	10.75%	\$ 129,077	\$ 37,357	\$ 227,684	\$ (4,643)	\$ 223,041
1ĥ	GIC706-H012 Glacier Hills Wind Park	2452 /3160	\$ 2,147,723		\$ 95,132	\$ 2,069,403	10.75%	\$ 222,540	\$ 58,022	\$ 375,695	\$ (904)	\$ 374,790
1i	GIC749 EcoMont Wind Farm	3161	\$ -	4.43%	\$ -	\$ -	10.75%	\$ -	\$ -	\$ -	\$ -	\$ -
1j	G834 Interim Upgrades	2837	\$ 628,13	4.43%	\$ 27,823	\$ 603,471	10.75%	\$ 64,896	\$ 16,970	\$ 109,689	\$ -	\$ 109,689
1k	G833 Interim Upgrades	2793	\$ 405,930		\$ 17,980		10.75%	\$ 41,681	\$ 10,967	\$ 70,628	\$ (25,823)	\$ 44,805
11	2nd Kewaunee Xfr	1950	\$ 15,402,300	4.43%	\$ 682,237	\$ 14,554,813	10.75%	\$ 1,565,198	\$ 416,105	\$ 2,663,540	\$ 230,842	\$ 2,894,382
1m	G833/4 Long Term Solution	3206	\$ 989,927	4.43%	\$ 43,848	\$ 989,927	10.75%	\$ 106,455	\$ -	\$ 150,303		\$ 150,303
1n	Straits Power Flow Controller	2846	\$ 68,530,000		\$ 3,035,503	\$ 68,412,307	10.75%	\$ 7,356,934	\$ 325,053	\$ 10,717,489	\$ 164,156	\$ 10,881,645
10	Rebuild Arcadian - Waukesha 138kV lines	1270	\$ -	4.43%	\$ -	\$ -	10.75%		\$ -	\$ -	\$ -	\$ -
1p	Arnold Transformer	3125	\$ -			\$ -	10.75%		\$ -	\$ -	\$ -	\$ -
1q	Green Bay to Morgan 345 kV / Memominee Co to	3679	\$ -	4.43%	\$ -	\$ -	10.75%	\$ -	\$ -	\$ -	\$ -	\$ -
	Delta Co 138 kV	0054	•					_	•			
1r	Holmes-Chandler 2nd Circuit	3951	5 -	4.43%		5 -	10.75%		5 -	\$ -	\$ -	\$ -
1s	Morgan-Plains 2nd 345 kV line	3950	5 -	4.43%	•	5 -	10.75%		5 -	\$ -	\$ -	\$ -
1t	National 138 kV SVC	3953	5 -	4.43%	\$ -	5 -	10.75%		\$ -	\$ -	\$ -	\$ -
1u	Plains to National 345 kV project	3838	5 -	4.43%	\$ -	5 -	10.75%		5 -	\$ -	\$ -	\$ -
1v	Marathon-Marquette 345 kV Project	3681	\$ -	4.43%	-	5 -	10.75%		5 -	\$ -	\$ -	\$ -
1w	Marquette Co to Mackinac Co 138 kV project	3678	<b>Ъ</b> -	4.43%	- •	<b>5</b>	10.75%		<b>5</b>	ъ - с	ъ - е	ъ - е
1x	Townline-Paddock 138 kV	4053	\$ -	4.43%	\$ -	\$ -	10.75%	ъ -	<del>ъ</del> -	Ф -	ф -	ъ -
2	Annual Totals							<u> </u>		\$79.697.906	(\$6.294.574)	\$73.403.333

2 Annual Totals \$79,697,906 (\$6,294,574) \$73,403,333

3 Rev. Req. Adj For Attachment O \$79,697,906

## Note Letter

Gross Transmission Plant is that identified on page 2 line 2 of Attachment O 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.

- B Net Transmission Plant is that identified on page 2 line 14 of Attachment O 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.
- 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 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.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O page 3 line 12.
- 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 Schedule 26.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9.