

Formula Rate - Non-Levelized

Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2021

American Transmission Company LLC

**Thirteen Monthly Balances  
Composite Depreciation Rates**

Line No.				Allocated Amount
1	GROSS REVENUE REQUIREMENT	(page 3, line 31)		\$ 610,684,627
	REVENUE CREDITS	(Note T)	Total	
2	Account No. 454	(page 4, line 34)	1,600,000	1,600,000
3	Account No. 456.1	(page 4, line 37)	8,400,000	8,400,000
4	Revenues from Grandfathered Interzonal Transactions		0	0
5	Revenues from service provided by the ISO at a discount		0	0
6	TOTAL REVENUE CREDITS	(sum lines 2-5)		10,000,000
7	NET REVENUE REQUIREMENT	(line 1 minus line 6)		\$ 600,684,627
	DIVISOR			
8	Average of 12 coincident system peaks for requirements (RQ) service			9,636,635
9	Plus 12 CP of firm bundled sales over one year not in line 8			0
10	Plus 12 CP of Network Load not in line 8			0
11	Less 12 CP of firm P-T-P over one year (enter negative)			0
12	Plus Contract Demand of firm P-T-P over one year			0
13	Less Contract Demand from Grandfathered Interzonal Transactions over one year (enter negative)	(Note S)		0
14	Less Contract Demands from service over one year provided by ISO at a discount (enter negative)			0
15	Divisor (sum lines 8-14)			9,636,635
16	Annual Cost (\$/kW/Yr)	(line 7 / line 15)	62.333	
17	Network & P-to-P Rate (\$/kW/Mo)	(line 16 / 12)	5.194	
			Peak Rate	Off-Peak Rate
18	Point-To-Point Rate (\$/kW/Wk)	(line 16 / 52; line 16 / 52)	1.199	\$1.199
19	Point-To-Point Rate (\$/kW/Day)	(line 16 / 260; line 16 / 365)	0.240	\$0.171
20	Point-To-Point Rate (\$/MWh)	(line 16 / 4,160; line 16 / 8,760 times 1,000)	14.984	\$7.116
			Capped at weekly and daily rates	
21	FERC Annual Charge (\$/MWh)	(Note E)	\$0.000	\$0.000
22			\$0.000	\$0.000
			Short Term	Short Term
			Long Term	Long Term

Formula Rate - Non-Levelized  
Thirteen Month Average Rate Base Balances (Note Z)

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For the 12 months ended 12/31/2021

		American Transmission Company LLC				
Line No.	(1)	(2)	(3)	(4)	(5)	
No.	<b>RATE BASE:</b>	<b>Form No. 1</b>	<b>Company Total</b>	<b>Allocator</b>	<b>Transmission</b>	
		Page, Line, Col.			(Col 3 times Col 4)	
<b>GROSS PLANT IN SERVICE</b>						
1	Production	205.46.g	0	NA	0	
2a	Transmission & Intangible	207.58.g & 205.5g	6,673,814,955	TP 1.00000	6,673,814,955	
2b	CWIP		134,172,742	TP 1.00000	134,172,742	
3	Distribution	207.75.g	0	NA	0	
4	General	207.99.g	243,677,812	W/S 1.00000	243,677,812	
5	Common	356.1	0	CE 1.00000	0	
6	TOTAL GROSS PLANT (sum lines 1-5)		<u>7,051,665,509</u>	GP= 100.000%	<u>7,051,665,509</u>	
<b>ACCUMULATED DEPRECIATION</b>						
7	Production	219.20-24.c	0	NA	0	
8a	Transmission & Intangible	219.25.c&d & 200.21.c	1,866,939,098	TP 1.00000	1,866,939,098	
8b	CWIP		0	TP 1.00000	0	
9	Distribution	219.26.c	0	NA	0	
10	General	219.28.c&d	107,765,212	W/S 1.00000	107,765,212	
11	Common	356.1	0	CE 1.00000	0	
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		<u>1,974,704,310</u>		<u>1,974,704,310</u>	
<b>NET PLANT IN SERVICE</b>						
13	Production	(line 1- line 7)	0			
14a	Transmission & Intangible	(line 2a- line 8a)	4,806,875,857		4,806,875,857	
14b	CWIP		134,172,742		134,172,742	
15	Distribution	(line 3 - line 9)	0			
16	General	(line 4 - line 10)	135,912,600		135,912,600	
17	Common	(line 5 - line 11)	0		0	
18	TOTAL NET PLANT (sum lines 13-17)		<u>5,076,961,199</u>	NP= 100.000%	<u>5,076,961,199</u>	
<b>ADJUSTMENTS TO RATE BASE (Note F)</b>						
19	Account No. 281 (enter negative)	273.8.k	0	NA zero	0	
20	Account No. 282 (enter negative)	275.2.k	-962,626,644	NP 1.00000	-962,626,644	
21	Account No. 283 (enter negative)	277.9.k	0	NP 1.00000	0	
22	Account No. 190	234.8.c	0	NP 1.00000	0	
23	Account No. 255 (enter negative)	267.8.h	0	NP 1.00000	0	
24	TOTAL ADJUSTMENTS (sum lines 19- 23)		<u>(962,626,644)</u>		<u>-962,626,644</u>	
25	LAND HELD FOR FUTURE USE	214.x.d (Note G)	12,652,130	TP 1.00000	12,652,130	
<b>WORKING CAPITAL (Note H)</b>						
26	CWC	calculated	18,688,108		16,806,578	
27	Materials & Supplies (Note G)	227.8.c & .16.c	3,241,164	TE 0.86373	2,799,495	
28	Prepayments (Account 165)	111.57.c	10,866,461	GP 1.00000	10,866,461	
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		<u>32,795,733</u>		<u>30,472,535</u>	
30	RATE BASE (sum lines 18, 24, 25, & 29)		<u><u>4,159,782,418</u></u>		<u><u>4,157,459,220</u></u>	

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For the 12 months ended 12/31/2021

Line No.	(1)	(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
O&M (Note U, Note CC)					
1	Transmission	321.112.b	110,094,815	TE	95,092,355
1a	Less LSE Expenses Included in Transmission O&M Accounts (Note W)		0	1.00000	0
2	Less Account 565	321.96.b	0	1.00000	0
3	A&G	323.197.b	39,752,504	W/S	39,752,504
4	Less FERC Annual Fees		0	W/S	0
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad. (Note I)		707,736	W/S	707,736
5a	Plus Transmission Related Reg. Comm. Exp. (Note I)		365,280	TE	315,504
6	Common	356.1	0	CE	0
7	Transmission Lease Payments		0	1.00000	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less lines 1a, 2, 4, 5)		149,504,863		134,452,627
DEPRECIATION AND AMORTIZATION EXPENSE					
9	Transmission & Intangible	336.7.b & 336.1.d	184,340,746	TP	184,340,746
10	General	336.10.b&d	19,116,340	W/S	19,116,340
11	Common	336.11.b&d	0	CE	0
12	TOTAL DEPRECIATION (sum lines 9 - 11)		203,457,086		203,457,086
TAXES OTHER THAN INCOME TAXES (Note J)					
LABOR RELATED					
13	Payroll	263.i	4,589,530	W/S	4,589,530
14	Highway and vehicle	263.i	0	W/S	0
PLANT RELATED					
16	Property	263.i	17,852,473	GP	17,852,473
17	Gross Receipts	263.i	0	NA	0
18	Other	263.i	8,936,077	GP	8,936,077
19	Payments in lieu of taxes		0	GP	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		31,378,080		31,378,080
INCOME TAXES (Note K)					
21	$T=1 - \{(1 - SIT) * (1 - FIT)\} / (1 - SIT * FIT * p) * (1 - TEP)=$		24.48%		
22	$CIT=(T/1-T) * (1-(WCLTD/R)) =$ where WCLTD = (page 4, line 27) and R = (page 4, line 30) and FIT, SIT & p are as given in footnote K.		23.18%		
23	$1 / (1 - T) =$ (from line 21)		1.3242		
24	Amortized Investment Tax Credit (266.8f) (enter negative)		-111,538		
24a	Excess Deferred Income Taxes (enter negative)		-708,284		
24b	Tax Affect of Permanent Differences		192,490		
25	Income Tax Calculation = line 22 * line 28		70,926,541	NA	70,886,929
26	ITC adjustment (line 23 * line 24)		-147,694	NP	-147,694
26a	Excess Deferred Income Tax Adjustment (line 23 * line 24a)		-937,878	NP	-937,878
26b	Permanent Differences Tax Adjustment		254,887	NP	254,887
27	Total Income Taxes (line 25 plus line 26 plus lines 26a and 26b)		70,095,856		70,056,245
28	RETURN [Rate Base (page 2, line 30) * Rate of Return (page 4, line 30)]		305,993,278	NA	305,822,384
29	REV. REQUIREMENT (sum lines 8, 12, 20, 27, 28)		760,429,164		745,166,422
30	LESS ATTACHMENT GG ADJUSTMENT [Attachment GG, page 2, line 3] (Note X) [Revenue Requirement for facilities included on page 2, line 2, and also included in Attachment GG]		97,231,735		97,231,735
30a	LESS ATTACHMENT MM ADJUSTMENT [Attachment MM, page 2, line 3] (Note AA) [Revenue Requirement for facilities included on page 2, line 2, and also included in Attachment MM]		37,250,060		37,250,060
31	REV. REQUIREMENT TO BE COLLECTED UNDER ATTACHMENT O (line 29 - line 30 - line30a)		625,947,369		610,684,627

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For the 12 months ended 12/31/2021

American Transmission Company LLC

**SUPPORTING CALCULATIONS AND NOTES**

Line No.	<b>TRANSMISSION PLANT INCLUDED IN ISO RATES</b>					
1	Total Transmission plant (page 2, line 2a, column 3)				6,673,814,955	
2	Less Transmission plant excluded from ISO rates (Note M)				0	
3	Less Transmission plant included in OATT Ancillary Services (Note N)				0	
4	<u>Transmission plant included in ISO rates (line 1 less lines 2 &amp; 3)</u>				<u>6,673,814,955</u>	
5	Percentage of Transmission plant included in ISO Rates (line 4 divided by line 1)			TP=	1.00000	
<b>TRANSMISSION EXPENSES</b>						
6	Total Transmission expenses (page 3, line 1, column 3)				110,094,815	
7	Less revenue received attributable to account 457.1 (Note L)				15,002,460	
8	<u>Included Transmission expenses (line 6 less line 7)</u>				<u>95,092,355</u>	
9	Percentage of Transmission expenses after adjustment (line 8 divided by line 6)				0.86373	
10	Percentage of Transmission plant included in ISO Rates (line 5)			TP	1.00000	
11	Percentage of Transmission expenses included in ISO Rates (line 9 times line 10)			TE=	0.86373	
<b>WAGES &amp; SALARY ALLOCATOR (W&amp;S)</b>						
		Form 1 Reference	\$	TP	Allocation	
12	Production	354.20.b	0	0.00	0	
13	Transmission	354.21.b	36,154,829	1.00	36,154,829	
14	Distribution	354.23.b	0	0.00	0	W&S Allocator
15	Other	354.24,25,26.b	0	0.00	0	(\$ / Allocation)
16	<u>Total (sum lines 12-15)</u>		<u>36,154,829</u>		<u>36,154,829</u>	= 1.00000 = WS
<b>COMMON PLANT ALLOCATOR (CE) (Note O)</b>						
			\$		% Electric	W&S Allocator
17	Electric	200.3.c	4,806,875,857		(line 17 / line 20)	(line 16)
18	Gas	200.3.d	0		1.00000 *	1.00000 =
19	Water	200.3.e	0			CE
20	<u>Total (sum lines 17 - 19)</u>		<u>4,806,875,857</u>			1.00000
<b>RETURN (R)</b>						
21	Long Term Interest (117, sum of 62.c through 66.c)					\$
22	Preferred Dividends (118.29c) (positive number)					n/a
Development of Common Stock:						
23	Proprietary Capital (112.16.c)					n/a
24	Less Preferred Stock (line 28)					n/a
25	Less Account 216.1 (112.12.c) (enter negative)					n/a
26	<u>Common Stock (sum lines 23-25)</u>					n/a
			\$	%	Cost (Note P)	Weighted
27	Long Term Debt (112, sum of 18.c through 21.c)		0	50%	0.0419	0.0210 =WCLTD
28	Preferred Stock (112.3.c)		0	0%	0.0000	0.0000
29	Common Stock (line 26)		0	50%	0.1052	0.0526
30	<u>Total (sum lines 27-29)</u>		<u>0</u>			<u>0.0736 =R</u>
<b>REVENUE CREDITS</b>						
ACCOUNT 447 (SALES FOR RESALE) (310-311) (Note Q)						
31	a. Bundled Non-RQ Sales for Resale (311.x.h)					Load
32	b. Bundled Sales for Resale included in Divisor on page 1					0
33	<u>Total of (a)-(b)</u>					<u>0</u>
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)					\$1,600,000
ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note V) (330.x.n)						
35	a. Transmission charges for all transmission transactions					\$743,566,422
36	b. Transmission charges for all transmission transactions included in Divisor on Page 1					\$600,684,627
36a	c. Transmission charges from Schedules associated with Attachment GG (Note Y)					\$97,231,735
36b	d. Transmission charges from Schedules associated with Attachment MM (Note BB)					\$37,250,060
37	<u>Total of (a)-(b)-(c)-(d)</u>					<u>\$8,400,000</u>



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## American Transmission Company LLC

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)  
References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

## Note

## Letter

- A Peak as would be reported on page 401, column d of Form 1 at the time of the applicable pricing zone coincident monthly peaks.
- B Labeled LF, LU, IF, IU on pages 310-311 of Form 1 at the time of the applicable pricing zone coincident monthly peaks.
- C Labeled LF on page 328 of Form 1 at the time of the applicable pricing zone coincident monthly peaks.
- D Labeled LF on page 328 of Form 1 at the time of the applicable pricing zone coincident monthly peaks.
- E The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff.
- F The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note K. Account 281 is not allocated. The maximum deferred tax offset to rate base is calculated in accordance with the proration formula prescribed by IRS regulation section 1.167(l)-1(h)(6).
- G Identified in Form 1 as being only transmission related.
- H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 8, column 5. Prepayments are the electric related prepayments booked to Account No. 165 and reported on pages 111, line 57 in the Form 1.
- I Line 5 - EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, and non-safety related advertising included in Account 930.1. Line 5a - Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- J Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- K The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes" and TEP = "the tax exempt ownership interest". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 3, line 26). Excess Deferred Income Taxes reduce income tax expense by the amount of the expense multiplied by (1/1-T) (page 3, line 26a).
- |                  |       |   |
|------------------|-------|---|
| Inputs Required: | FIT = | 21.00%  |
|                  | SIT = | 7.50% (State Income Tax Rate or Composite SIT)                      |
|                  | p =   | 0.00% (percent of federal income tax deductible for state purposes) |
|                  | TEP = | 9.08% (percent of the tax exempt ownership)                         |
- L Removes revenues that are distributed pursuant to Schedule 1 of the Midwest ISO Tariff. The projected dollar amount of transmission expenses to be included in the OATT ancillary services rates, including Account Nos. 561.1, 561.2, 561.3, and 561.BA will be used as the estimated revenues for the calculation of prospective rates used for billing. The revenues received pursuant to Schedule 1 as reported in Account 457.1 will be used in the annual calculation of the Attachment O True-Up.
- M Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
- N Removes dollar amount of transmission plant to be included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- O Enter dollar amounts
- P Debt cost rate = long-term interest (line 21) / long term debt (line 27). Preferred cost rate = preferred dividends (line 22) / preferred outstanding (line 28). The FERC-allowed ROE, including any approved adders will be applied. The ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC.
- Q Line 33 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456 and all other uses are to be included in the divisor.
- R Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
- S Grandfathered agreements whose rates have been changed to eliminate or mitigate pancaking - the revenues are included in line 4, page 1 and the loads are included in line 13, page 1. Grandfathered agreements whose rates have not been changed to eliminate or mitigate pancaking - the revenues are not included in line 4, page 1 nor are the loads included in line 13, page 1.
- T The revenues credited on page 1 lines 2-5 shall include only the amounts received directly (in the case of grandfathered agreements) or from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template.
- U Preliminary Survey and Investigation charges related to transmission construction projects started on or after January 1, 2004 are included in account 566 and not in account 183.
- V Account 456.1 entry shall be the annual total of the quarterly values reported at Form 1, page 300.22.b.
- W Account Nos. 561.4 and 561.8 consist of RTO expenses billed to load-serving entities and are not included in Transmission Owner revenue requirements.
- X Pursuant to Attachment GG of the Midwest ISO Tariff, removes dollar amount of revenue requirements calculated pursuant to Attachment GG and recovered under the associated schedules of the Midwest ISO Tariff.
- Y Removes from revenue credits revenues that are distributed pursuant to the associated schedules of the Midwest ISO Tariff, since the Transmission Owner's Attachment O revenue requirements have already been reduced by the Attachment GG revenue requirements.
- Z All amounts shown on this page (with the following exceptions CWC in line 26, Account 282 in line 20, Account 283 in line 21, and Account 190 in line 22) are based on 13 month averages. Work papers will be provided.
- AA Pursuant to Attachment MM of the Midwest ISO Tariff, removes dollar amount of revenue requirements calculated pursuant to Attachment MM and recovered under the associated schedules of the Midwest ISO Tariff.
- BB Removes from revenue credits revenues that are distributed pursuant to the associated schedules of the Midwest ISO Tariff, since the Transmission Owner's Attachment O revenue requirements have already been reduced by the Attachment MM revenue requirements.
- CC Schedule 10-FERC charges should not be included in O&M recovered under this Attachment O.