

Formula Rate calculation

Rate Formula Template
 Utilizing Attachment O Data

MidAmerican Energy Company

To be completed in conjunction with Attachment O.

Line No.	(1)	(2) Attachment O Page, Line, Col.	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total	Attach O, p 2, line 2 col 5 (Note A)	2,356,083,635	
2	Net Transmission Plant - Total	Attach O, p 2, line 14 and 23b col 5 (Note B)	1,753,912,628	
O&M EXPENSE				
3	Total O&M Allocated to Transmission	Attach O, p 3, line 8 col 5	19,266,057	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1 col 3)	0.82%	0.82%
GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE				
5	Total G&C Depreciation Expense	Attach O, p 3, lines 10 & 11, col 5 (Note H)	2,228,133	
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1 col 3)	0.09%	0.09%
TAXES OTHER THAN INCOME TAXES				
7	Total Other Taxes	Attach O, p 3, line 20 col 5	13,567,808	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.58%	0.58%
9	Annual Allocation Factor for Expense	Sum of line 4, 6, and 8		1.49%
INCOME TAXES				
10	Total Income Taxes	Attach O, p 3, line 27 col 5	34,613,500	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	1.97%	1.97%
RETURN				
12	Return on Rate Base	Attach O, p 3, line 28 col 5	116,815,115	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	6.66%	6.66%
14	Annual Allocation Factor for Return	Sum of line 11 and 13		8.63%

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Attachment GG - MidAmerican Energy Company
 Projected - For the 12 months ended 12/31/21

MidAmerican Energy Company

Network Upgrade Charge Calculation By Project

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Network Upgrade Charge
		(Note C)	(Page 1 line 9)	(Col. 3 * Col. 4)	(Note D)	(Page 1 line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	(Note G)	Sum Col. 10 & 11
1a	Fallow Avenue Substation	3721	\$ 600,441	1.49%	\$ 8,935	\$ 498,232	8.63%	\$ 43,016	\$10,241	\$62,192.04	\$ (4,332)	57,860
1b	Rolling Hills Substation	11203	\$ 61,834	1.49%	\$ 920	\$ 50,410	8.63%	\$ 4,352	\$1,203	\$6,474.52	\$ (448)	6,027
1c	Lehigh Substation	11204	\$ 245,471	1.49%	\$ 3,653	\$ 205,585	8.63%	\$ 17,750	\$4,602	\$26,005.24	\$ (1,806)	24,199
1d	Obrien County Substation	10867	\$ 179,232	1.49%	\$ 2,667	\$ 164,457	8.63%	\$ 14,199	\$3,057	\$19,923.00	\$ (1,417)	18,506
1e	Ida County Substation	10868	\$ 425,180	1.49%	\$ 6,327	\$ 389,525	8.63%	\$ 33,631	\$7,252	\$47,209.84	\$ (3,356)	43,854
2	Annual Totals		\$1,512,158							\$161,805	-\$11,359	\$150,446
3	NUC and TMEPC Rev. Req. Adj For Attachment O (Attachment GG page 2, line 2, Column 10 plus Attachment GG, page 3, line 2, Column 10)									\$161,805		

Note Letter

- A 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
- 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,
- 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.
- 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 Schedule s 26, 37 and 38.
- 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.

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Attachment GG - MidAmerican Energy Company
 Projected - For the 12 months ended 12/31/21

Utilizing Attachment O Data

Targeted Market Efficiency Project Charge Calculation By Project

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line Efficiency No. Charge	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Targeted Market Project
		(Note C)	(Page 1 line 9)	(Col. 3 * Col. 4)		(Note D)	(Page 1 line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)
1a	Project 1	P1	\$ -	1.49%	\$ -	\$ -	8.63%	\$ -	\$0	\$0.00	\$ -	0
1b	Project 2	P2	\$ -	1.49%	\$ -	\$ -	8.63%	\$ -	\$0	\$0.00	\$ -	0
1c	Project 3	P3	\$ -	1.49%	\$ -	\$ -	8.63%	\$ -	\$0	\$0.00	\$ -	0
2	Annual Totals		\$0							\$0	\$0	\$0

Note Letter

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- 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,
- 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
- 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.
- F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.
- G The Targeted Market Efficiency Project Charge is the value to be used in Schedule 26-C.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 3 column 9.

MidAmerican Energy Company
 Attachment GG True-Up Adjustment
 2018

Line No.	Project Name	MTEP Project Number	Original True-Up Adjustment	Corrected True-Up Adjustment	Adjustment Principal	Adjustment Interest	Adjustment Total	
1	Fallow Avenue Substation	P3721	\$ (2,470)	\$ (3,075)	\$ (605)	\$ (87)	\$ (692)	
2	Rolling Hills Substation	P11203	\$ (273)	\$ (335)	\$ (62)	\$ (9)	\$ (71)	
3	Lehigh Substation	P11204	\$ (1,050)	\$ (1,301)	\$ (251)	\$ (36)	\$ (287)	
4	Obrien County Substation	P10867	\$ (791)	\$ (990)	\$ (199)	\$ (29)	\$ (228)	
5	Ida County Substation	P10868	\$ (1,875)	\$ (2,345)	\$ (470)	\$ (68)	\$ (538)	
6			\$ (6,459)	\$ (8,046)	\$ (1,587)	\$ (228)	\$ (1,815)	
7	Average Monthly MidAmerican Short-Term Debt Interest Rate (Jan. '18 - July '20) Interest for 36 Months (Jan'18 - Dec '20) (Line 6 * Line 7 * 36)					0.399%		
	Net (Over)Under Recovery, including interest (Line 5 + Line 7)					\$	(1,815)	