

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O Data

MidAmerican Energy Company

To be completed in conjunction with Attachment O.
(inputs from Attachment O are rounded to whole dollars)

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)	1,956,222,404	
1a	Transmission Accumulated Depreciation	Attach O, p 2, line 8 col 5 (Note J)	544,267,149	
2	Net Transmission Plant - Total	Line 1 minus Line 1a (Note B)	1,411,955,255	
O&M TRANSMISSION EXPENSE				
3	Total O&M Allocated to Transmission	Attach O, p 3, line 8 col 5	19,068,857	
3a	Transmission O&M	Attach O, p 3, line 1 col 5	93,943,911	
3b	Less: LSE Expenses included in above, if any	Attach O, p 3, line 1a col 5, if any	7,115,619	
3c	Less: Account 565 included in above, if any	Attach O, p 3, line 2 col 5, if any	72,949,303	
3d	Adjusted Transmission O&M	Line 3a minus Line 3b minus Line 3c	13,878,989	
4	Annual Allocation Factor for Transmission O&M	(Line 3d divided by line 1a, col 3)	2.55%	2.55%
OTHER O&M EXPENSE				
4a	Other O&M Allocated to Transmission	Line 3 minus Line 3d	5,189,868	
4b	Annual Allocation Factor for Other O&M	Line 4a divided by Line 1, col 3	0.27%	0.27%
GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE				
5	Total G&C Depreciation Expense	Attach O, p 3, lines 10 & 11, col 5 (Note H)	1,389,068	
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1 col 3)	0.07%	0.07%
TAXES OTHER THAN INCOME TAXES				
7	Total Other Taxes	Attach O, p 3, line 20 col 5	11,483,026	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.59%	0.59%
9	Annual Allocation Factor for Other Expense	Sum of line 4b, 6, and 8	0.92%	0.92%
INCOME TAXES				
10	Total Income Taxes	Attach O, p 3, line 27 col 5	22,959,117	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	1.63%	1.63%
RETURN				
12	Return on Rate Base	Attach O, p 3, line 28 col 5	83,800,375	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	5.94%	5.94%
14	Annual Allocation Factor for Return	Sum of line 11 and 13		7.56%

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Attachment MM - MidAmerican Energy Company
For the 12 months ended 12/31/19
Page 2 of 2

MidAmerican Energy Company

Multi-Value Project (MVP) Revenue Requirement Calculation

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Project Accumulated Depreciation	Transmission O&M Annual Allocation Factor	Annual Allocation for Transmission O&M Expense	Other Expense Annual Allocation Factor	Annual Allocation for Other Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement
			(Note C)	(Note K)	Page 1 line 4	(Col 4 * Col 5)	Page 1 line 9	(Col 3 * Col 7)	(Col 6 + Col 8)	(Col 3 - Col 4)	(Page 1 line 14)	Col 10 * Col 11	(Note E)	Sum Col. 9, 12 & 13	(Note F)	Sum Col. 14 & 15 (Note G)
Multi-Value Projects (MVP)																
1a	MVP 3	P3205	\$ 240,734,105	\$ 18,876,009	2.55%	\$ 481,344	0.92%	\$2,222,718.00	\$2,704,062.00	\$ 221,858,097	7.56%	\$ 16,774,935	\$ 6,750,153	\$ 26,229,150	\$ 2,978,255	\$ 29,207,405
1b	MVP 4	P3213	\$ 142,391,882	\$ 12,704,400	2.55%	\$ 323,966	0.92%	\$1,314,716.00	\$1,638,682.00	\$ 129,687,481	7.56%	\$ 9,805,813	\$ 4,125,452	\$ 15,569,947	\$ 3,251,386	\$ 18,821,333
1c	MVP 7	P2248	\$ 59,827,644	\$ 446,211	2.55%	\$ 11,379	0.92%	\$552,394.00	\$563,773.00	\$ 59,381,433	7.56%	\$ 4,489,896	\$ 856,067	\$ 5,909,736	\$ (259,838)	\$ 5,649,898
1d	MVP 16	P3022	\$ 64,789,675	\$ 4,054,879	2.55%	\$ 103,401	0.92%	\$598,208.00	\$701,609.00	\$ 60,734,796	7.56%	\$ 4,592,225	\$ 1,725,027	\$ 7,018,861	\$ 569,671	\$ 7,588,532
2	MVP Total Annual Reven		\$507,743,307	\$36,081,500										\$54,727,695	\$6,539,474	\$61,267,169
3	Rev. Req. Adj For Attachment O													\$54,727,695		

- 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 associated with gross plant and CWIP, if applicable. References to Attachment O "Column 5" throughout this template is an illustrative column designation intended to reference the appropriate right-most column in Attachment O which position may vary by company.
 - 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.
 - 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 when authorized by FERC order less any prefunded AFUDC, if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
 - D Note deliberately left blank.
 - 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, less any prefunded AFUDC amortization, if applicable, related to the project.
 - F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.
 - G The MVP Annual Revenue Requirement is the value to be used in Schedules 26-A and 39.
 - H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 13.
 - I For Transmission Owners using an Attachment O based on either EIA Form 412 Cash Flow or RUS Form 12 Cash Flow, the Annual Allocation Factor for Transmission O&M shall be line 3 divided by line 1, col 3 of the Attachment MM template.
 - J Transmission Accumulated Depreciation that is identified on page 2 line 8 of Attachment O less any amortized prefunded AFUDC balance, if applicable.
 - K Project Accumulated Depreciation for the project is calculated in the same method as the Transmission Accumulated Depreciation value in line 1a.

Table 1						
Cross Reference to Attachment O for Completion of Attachment MM						
	Attachment MM	FERC Form 1	EIA Form 412 Non-Levelized	EIA Form 412 Cash Flow	RUS Form 12 Non-Levelized	RUS Form 12 Cash Flow
Gross Transmission Plant	page 1, line 1, col 3	page 2, line 2, col 5	page 2, line 2, col 5	page 3, line 2, col 5	page 2, line 2, col 5	page 3, line 2, col 5
Net Transmission Plant*	page 1, line 2, col 3	page 2, line 14, col 5	page 2, line 14, col 5	page 3, line 2, col 5	page 2, line 14, col 5	page 3, line 2, col 5
O&M Expense	page 1, line 3, col 3	page 3, line 8, col 5	page 3, line 8, col 5	page 2, line 8, col 5	page 3, line 8, col 5	page 2, line 8, col 5
General and Common Depreciation Expense	page 1, line 5, col 3	page 3, lines 10 & 11, col 5	page 3, lines 10 & 11, col 5	N/A	page 3, lines 10 & 11, col 5	N/A
Taxes Other Than Income Taxes**	page 1, line 7, col 3	page 3, line 20, col 5	page 3, line 20, col 5	page 2, line 19, col 5	page 3, line 20, col 5	page 2, line 19, col 5
Total Income Taxes	page 1, line 10, col 3	page 3, line 27, col 5	page 3, line 27, col 5	N/A	page 3, line 27, col 5	N/A
Return on Rate Base***	page 1, line 12, col 3	page 3, line 28, col 5	page 3, line 28, col 5	page 2, line 11, col 5 and page 2, line 21, col 5	page 3, line 28, col 5	page 2, line 11, col 5 and page 2, line 21, col 5

Note: *The Net Transmission Plant for Transmission Owners using an Attachment O based on either EIA Form 412 Cash Flow or RUS Form 12 Cash Flow shall use their Gross Transmission Plant from page 3, line 2, column 5 for a Net Transmission Plant value. These two Attachment Os do not allow for the recovery of depreciation expense nor do they decrement rate base for accumulated depreciation, therefore to maintain a consistent methodology between Attachment O and Attachment MM no depreciation expense would be recovered under Attachment MM nor would any accumulated depreciation be included in the calculation of the Net Transmission Plant balances.

Note: **The Taxes Other Than Income Taxes for SMMPA's EIA Form 412 Cash Flow shall use page 2, line 20, col 5.

Note: ***The Return on Rate Base for SMMPA's EIA Form 412 Cash Flow Attachment O shall use page 2, line 12, col 5 and page 2, line 22, col 5.