

PUBLIC

MIDAMERICAN ENERGY COMPANY
Docket No. EL14-072
Settlement Filing

Transmission Cost Recovery Rider

Line No.	(a)	Trans- mission Allocator - 12CP (b)	2015 Forecasted Transmission Expense - Jul. 13 - Dec. 31, 2015 (c) (b) x L7(c)	2015 Forecasted Sales, kWh - Jul. 13 - Dec. 31, 2015 (d)	TCR Rate \$ per kWh (e) (c) / (d)
1	Residential	0.30650	\$ 24,460	25,203,707	\$ 0.00097
2	SGS Energy	0.12930	\$ 10,319	5,046,742	\$ 0.00204
3	SGS Demand	0.05362	\$ 4,279	13,069,022	\$ 0.00033
4	LGS	0.50249	\$ 40,101	63,604,697	\$ 0.00063
5	Lighting	0.00332	\$ 265	894,866	\$ 0.00030
6	Mun. Water Pumping	<u>0.00477</u>	\$ 381	453,612	\$ 0.00084
7	Total	1.00000	\$ 79,805		

Sources

Column (b) from COSS, Tab CLS1-2 Line 29 - Original Filing

Column (b), Line 4 includes VLGS from COSS, Tab CLS1-2, Line 29 - Original Filing

Column (c), Line 8 from Page 7, Column (c), Line 5

Column (d) from Page 2, Column (c)

Column (e) = Column (c) / Column (d)

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2015 Forecasted Sales Allocation to Rate Class
Iowa Electric Operations

Line No.	<u>Description</u> (a)	<u>Allocator</u> (b)	2015 Forecasted <u>Sales</u> (c)
1	2015 Forecasted Sales		108,272,646
2	Residential	0.23278	25,203,707
3	SGS Energy	0.04661	5,046,742
4	SGS Demand	0.12070	13,069,022
5	LGS	0.58745	63,604,697
6	Lighting	0.00826	894,866
7	Mun. Water Pumping	0.00419	453,612

Column (c) to Page 1,
Column (d)

Sources:

Line 1 forecasted sales for Jul. 13 - Dec. 31, 2015 from Page 4, Column (m), Line 2
Lines 2 to 8, Column (b) allocation of Line 1 to rate class from Page 3, Column (c)
Lines 2 to 8, Column (c) = Line 1, Column (c) x Column (b)

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kWh Allocation
Test Year Ending December 31, 2013

<u>Line No.</u>	<u>Rate Class</u> (a)	<u>kWh</u> (b)	<u>Allocator</u> (c)
1	Residential	50,658,407	0.23278
2	SGS Energy	10,143,742	0.04661
3	SGS Demand	26,268,192	0.12070
4	LGS	127,842,806	0.58745
5	Lighting	1,798,643	0.00826
6	Mun. Water Pumping	911,742	0.00419
7		<hr/> 217,623,532	<hr/> 1.00000

Column (c) to
Page 2, Column
(b)

Sources:

Column (b) from MidAmerican Exhibit CBR 1.1, Schedule C, Page 1, Line 17 - Original Filing

Column (b), Line 4 includes VLGS from MidAmerican Exhibit CBP 1.1, Schedule C, Page 1, Line 17 - Original Filing

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2015 Forecasted Sales

Line No.		<u>Jan-15</u>	<u>Feb-15</u>	<u>Mar-15</u>	<u>Apr-15</u>	<u>May-15</u>	<u>Jun-15</u>	<u>Jul-15</u>	<u>Aug-15</u>	<u>Sep-15</u>	<u>Oct-15</u>	<u>Nov-15</u>	<u>Dec-15</u>	<u>2015</u>
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
1	SD Total 2015	19,418,935	17,838,094	18,406,404	17,274,210	17,071,384	18,189,423	20,624,390	21,001,306	19,685,821	17,879,725	17,475,738	19,589,300	224,454,731
2	SD Jul. 13 - Dec. 31, 2015	-	-	-	-	-	-	12,640,755	21,001,306	19,685,821	17,879,725	17,475,738	19,589,300	108,272,646
3	Expenses as of 7/13/2015, effective 7/13/2015							19 days						

Sources:

Line 1 - Forecasted Sales

Line 2, Columns (a) through (f) = 0

Line 2, Column (g) = Line 1, Column (g)/31*19

Line 2, Columns (h) through (l) = Line 1

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Forecasted MISO Costs
Total Company Electric Operations
Year Ending December 31, 2015

Line No.	MidAmerican Transmission Charges	Forecast Jan-15	Forecast Feb-15	Forecast Mar-15	Forecast Apr-15	Forecast May-15	Forecast Jun-15	Forecast Jul-15	Forecast Aug-15	Forecast Sep-15	Forecast Oct-15	Forecast Nov-15	Forecast Dec-15	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1	Schedule 10 Charge (MISO Adder)	N/A	N/A	N/A	N/A	N/A	N/A	362,857	362,857	362,857	362,857	362,857	362,857	2,177,140
2	Schedule 10-FERC Charge	N/A	N/A	N/A	N/A	N/A	N/A	176,458	173,811	151,200	126,480	122,400	135,853	886,203
3	Schedule 26 Charge	N/A	N/A	N/A	N/A	N/A	N/A	15,417	15,417	15,417	15,417	15,417	15,417	92,500
4	Schedule 26-A Charge	N/A	N/A	N/A	N/A	N/A	N/A	<u>1,167,211</u>	<u>1,167,211</u>	<u>1,167,211</u>	<u>1,167,211</u>	<u>1,167,211</u>	<u>1,167,211</u>	<u>7,003,266</u>
5	Total MISO Charges (sum of Lines 1-4)	-	-	-	-	-	-	1,721,942	1,719,295	1,696,684	1,671,964	1,667,884	1,681,337	\$ 10,159,108
														To Page 7, Line 1, Col (b)
6	Total Est. MISO Charges Jul. 13 - Dec. 31, 2015	0	0	0	0	0	0	1,055,384	1,719,295	1,696,684	1,671,964	1,667,884	1,681,337	9,492,549
														To Page 7, Line 1, Col (c)

Sources:

- Line 1 estimated based on MISO's published Schedule 10 rate and MidAmerican's load forecast
- Line 2 estimated based on 2014 MISO rate and MidAmerican's load forecast
- Line 3 estimated based on forecasted Schedule 26 charges
- Line 4 estimated based on forecasted Schedule 26-A charges
- Line 5 = sum of Lines 1-4
- Line 6, Columns (b) through (g) = 0
- Line 6, Column (h) = Line 5, Column (h)/31*19
- Line 6, Columns (i) through (m) = Line 6

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Forecasted MISO Credit
Total Company Electric Operations
Year Ending December 31, 2015

Line No.	Description (a)	Forecast Jan-15 (b)	Forecast Feb-15 (c)	Forecast Mar-15 (d)	Forecast Apr-15 (e)	Forecast May-15 (f)	Forecast Jun-15 (g)	Forecast Jul-15 (h)	Forecast Aug-15 (i)	Forecast Sep-15 (j)	Forecast Oct-15 (k)	Forecast Nov-15 (l)	Forecast Dec-15 (m)	Total (n)
1	Forecasted A&G in MISO rates	N/A	N/A	N/A	N/A	N/A	N/A	7,675.69	7,675.69	7,675.69	7,675.69	7,675.69	7,675.69	46,054
2	MEC MVP Return Credit	N/A	N/A	N/A	N/A	N/A	N/A	10,765.05	10,765.05	10,765.05	10,765.05	10,765.05	10,765.05	64,590
3	MEC Schedule 26 Return Credit	N/A	N/A	N/A	N/A	N/A	N/A	49	49	49	49	49	49	294
4	TOTAL	-	-	-	-	-	-	18,490	18,490	18,490	18,490	18,490	18,490	\$ 110,939
														To Page 7, Line 2, Col (b)
5	Total Est. MISO Credit Jul. 13 - Dec. 31, 2015	-	-	-	-	-	-	11,332	18,490	18,490	18,490	18,490	18,490	103,781
														To Page 7, Line 2, Col (c)

Sources

- Line 1 Based on MidAmerican's 2014 Attachment MM Rate Template submitted to Midcontinent Independent System Operator, Inc. (MISO) for the forecast period
- Line 2 From Workpaper DAS 3 Line 6 column (b), pro rated from Jul. 13 - Dec. 31, 2015
- Line 3 From Workpaper DAS 6 Line 6 column (b), pro rated from Jul. 13 - Dec. 31, 2015
- Line 5, Columns (b) through (g) = 0
- Line 5, Column (h) = Line 4, Column (h)/31*19
- Line 5, Columns (i) through (m) = Line 4

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Exhibit 5
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Allocation of MISO Expenses and Revenues to South Dakota

Year Ending December 31, 2015

Line No.	Description	Forecasted MISO Charges	For Jul. 13 - Dec. 31, 2015 TCR
	(a)	(b)	(c)
1	2015 Forecasted Total Company MISO Transmission Cost	\$ 10,159,108	\$ 9,492,549
2	2015 Forecasted MISO Credit	\$ 110,939	\$ 103,781
3	2015 Total Company Net Transmission Cost	\$ 10,048,169	\$ 9,388,768
4	South Dakota electric allocation	0.0085	\$ 0.0085
5	2015 Total South Dakota MISO Transmission Cost	\$ 85,409	\$ 79,805

Sources

Line 1, Column (b) from Page 5, Column (n), Line 5

Line 1, Column (c) from Page 5, Column (n), Line 6

Line 2, Column (b) from Page 6, Column (n), Line 4

Line 2, Column (c) from Page 6, Column (n), Line 5

Line 3 = Line 1 - Line 2

Line 4 from Workpaper RRT 11, Page 7, Average and Excess Allocator - Original Filing

Line 5 = Line 3 x Line 4

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Exhibit 5
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MEC MVP Revenue Requirement Ratio

Total Company Electric Operations
Year Ending December 31, 2015

<u>Line No.</u>	Billing Determinant (a)	Forecast <u>2015</u> (b)
1	MidAmerican MVP Revenue Requirement	\$ 27,376,253.28
2	MISO Total MVP Revenue Requirement	\$ 324,717,778.63
3	MEC MVP Revenue Requirement Ratio	0.0843

Sources

Line 1 - MISO Attachment MM Posting

Line 2 - MISO Attachment MM Posting

Line 3 = Line 1 / Line 2

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MEC MVP Return Adjustment
 Total Company Electric Operations
 Year Ending December 31, 2015

<u>Line No.</u>	Billing Determinant (a)	Forecast <u>2015</u> (b)
1	MEC MVP Revenue Requirement at SDPUC ROE	\$ 22,242,253
2	MEC MVP Revenue Requirement at FERC ROE	\$ 27,376,253
3	MEC MVP Return Adjustment Ratio	0.8125

Sources

- Line 1 - From MISO Attachment MM @ [REDACTED] ROE
- Line 2 - From MISO Attachment MM @ 12.38% ROE
- Line 3 = Line 1 / Line 2

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Exhibit 5
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MEC MVP Return Credit
Total Company Electric Operations
Year Ending December 31, 2015

<u>Line</u> <u>No.</u>	Billing Determinant (a)	Forecast <u>2015</u> (b)
1	MISO Schedule 26-A Charge	\$8,170,476
2	MEC MVP Revenue Requirement Ratio	0.0843
3	MEC Component of MISO Schedule 26-A Charge	\$688,835
4	MEC MVP Return Adjustment Ratio	0.8125
5	MEC Component of Schedule 26-A Charge at SDPUC Return	\$559,655
6	MEC MVP Return Credit	\$129,181

Sources

Line 1, Column (b) from Exhibit____(DAS-1) Schedule C, Line 4, Column (n)
Line 2, Column (b) from Workpaper DAS 1, Line 3, Column (b)
Line 3 = Line 1 x Line 2
Line 4, Column (b) from Workpaper DAS 2, Line 3, Column (b)
Line 5 = Line 3 x Line 4
Line 6 = Line 3 - Line 5

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MEC Schedule 26 Revenue Requirement Ratio

Total Company Electric Operations
Year Ending December 31, 2015

Line <u>No.</u>	Billing Determinant (a)	Forecast <u>2015</u> (b)
1	MidAmerican Schedule 26 Revenue Requirement Allocated to MidAmerican Pricing Zone	\$ 9,386
2	MISO Total Schedule 26 Revenue Requirement Allocated to MidAmerican Pricing Zone	\$ 223,044
3	MEC Schedule 26 Revenue Requirement Ratio	0.0421

Sources

Line 1 - MISO Schedule 26 Posting, "MTEP12" Worksheet, Project 3721

Line 2 - MISO Schedule 26 Posting, "Summary" Worksheet

Line 3 = Line 1 / Line 2

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MEC Schedule 26 Return Adjustment
Total Company Electric Operations
Year Ending December 31, 2015

<u>Line</u> <u>No.</u>	Billing Determinant (a)		Forecast <u>2015</u> (b)
1	MEC Schedule 26 Revenue Requirement at SDPUC ROE	\$	73,149
2	MEC Schedule 26 Revenue Requirement at FERC ROE	\$	86,179
3	MEC Schedule 26 Return Adjustment Ratio		0.8488

Sources

- Line 1 - From MISO Attachment GG @ [REDACTED] ROE
- Line 2 - From MISO Attachment GG @ 12.38% ROE
- Line 3 = Line 1 / Line 2

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Exhibit 5
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MEC Schedule 26 Return Credit

Total Company Electric Operations
Year Ending December 31, 2015

<u>Line</u> <u>No.</u>	Billing Determinant (a)	Forecast <u>2015</u> (b)
1	MISO Schedule 26 Charge	\$92,500
2	MEC Schedule 26 Revenue Requirement Ratio	0.0421
3	MEC Component of MISO Schedule 26 Charge	\$3,892
4	MEC Schedule 26 Return Adjustment Ratio	0.8488
5	MEC Component of Schedule 26 Charge at SDPUC Return	\$3,304
6	MEC Schedule 26 Return Credit	\$589

Sources

Line 1, Column (b) from Exhibit____(DAS-1) Schedule C, Line 3, Column (n)
Line 2, Column (b) from Workpaper DAS 4, Line 3, Column (b)
Line 3 = Line 1 x Line 2
Line 4, Column (b) from Workpaper DAS 5, Line 3, Column (b)
Line 5 = Line 3 x Line 4
Line 6 = Line 3 - Line 5