

MidAmerican Energy Company
 South Dakota Estimated 2018-2022 Energy Efficiency Plan
 Estimated 2018 Bill Impacts Based on 2018 Forecast Sales

Residential Electric

Line No.	Month	2018 Forecast Usage	2018 Forecast Avg. Customers	Avg. Use Per Customer	2018 EE Factor	Total Bill Impact
1	January	5,516,836	4,102	1,345	\$ 0.00087	\$ 1.17
2	February	5,215,368	4,109	1,269	\$ 0.00087	\$ 1.11
3	March	5,283,094	4,120	1,282	\$ 0.00087	\$ 1.12
4	April	4,243,602	4,127	1,028	\$ 0.00087	\$ 0.90
5	May	3,580,979	4,133	866	\$ 0.00087	\$ 0.76
6	June	4,305,486	4,139	1,040	\$ 0.00087	\$ 0.91
7	July	5,362,068	4,147	1,293	\$ 0.00087	\$ 1.13
8	August	5,856,013	4,154	1,410	\$ 0.00087	\$ 1.23
9	September	4,198,158	4,165	1,008	\$ 0.00087	\$ 0.88
10	October	3,683,525	4,171	883	\$ 0.00087	\$ 0.77
11	November	4,045,604	4,180	968	\$ 0.00087	\$ 0.84
12	December	5,459,788	4,195	1,301	\$ 0.00087	\$ 1.13
13	Total	56,750,522	4,145	13,694	\$ 0.00087	\$ 11.94

Residential Gas

Line No.	Month	2018 Forecast Usage	2018 Forecast Avg. Customers	Avg. Use Per Customer	2018 EE Factor	Total Bill Impact
14	January	12,031,530	86,299	139	\$ 0.00883	\$ 1.23
15	February	9,835,125	86,356	114	\$ 0.00883	\$ 1.01
16	March	7,604,202	86,320	88	\$ 0.00883	\$ 0.78
17	April	4,017,097	86,047	47	\$ 0.00883	\$ 0.41
18	May	1,982,381	85,554	23	\$ 0.00883	\$ 0.20
19	June	1,209,325	85,314	14	\$ 0.00883	\$ 0.13
20	July	1,193,499	85,181	14	\$ 0.00883	\$ 0.12
21	August	1,195,874	85,239	14	\$ 0.00883	\$ 0.12
22	September	1,387,605	85,554	16	\$ 0.00883	\$ 0.14
23	October	3,212,052	86,365	37	\$ 0.00883	\$ 0.33
24	November	6,541,532	86,955	75	\$ 0.00883	\$ 0.66
25	December	10,796,190	87,252	124	\$ 0.00883	\$ 1.09
26	Total	61,006,413	86,036	706	\$ 0.00883	\$ 6.23

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Nonresidential Electric

Line No.	Month	2018 Forecast Usage	2018 Forecast Avg. Customers	Avg. Use Per Customer	2018 EE Factor	Total Bill Impact
1	January	13,599,871	918	14,822	\$ 0.00015	\$ 2.25
2	February	13,514,680	918	14,724	\$ 0.00015	\$ 2.24
3	March	13,663,131	921	14,841	\$ 0.00015	\$ 2.26
4	April	13,409,614	928	14,455	\$ 0.00015	\$ 2.20
5	May	13,850,540	933	14,849	\$ 0.00015	\$ 2.26
6	June	14,517,398	935	15,524	\$ 0.00015	\$ 2.36
7	July	15,699,087	935	16,798	\$ 0.00015	\$ 2.55
8	August	16,452,420	937	17,567	\$ 0.00015	\$ 2.67
9	September	15,360,256	937	16,398	\$ 0.00015	\$ 2.49
10	October	14,433,467	936	15,412	\$ 0.00015	\$ 2.34
11	November	13,830,619	937	14,758	\$ 0.00015	\$ 2.24
12	December	13,504,267	934	14,451	\$ 0.00015	\$ 2.20
13	Total	171,835,351	931	184,602	\$ 0.00015	\$ 28.06

Nonresidential Gas

Line No.	Month	2018 Forecast Usage	2018 Forecast Avg. Customers	Avg. Use Per Customer	2018 EE Factor	Total Bill Impact
14	January	9,425,807	10,057	937	\$ 0.00101	\$ 0.95
15	February	7,747,485	10,062	770	\$ 0.00101	\$ 0.78
16	March	6,156,217	10,054	612	\$ 0.00101	\$ 0.62
17	April	3,486,312	10,013	348	\$ 0.00101	\$ 0.35
18	May	2,006,136	9,967	201	\$ 0.00101	\$ 0.20
19	June	1,413,050	9,913	143	\$ 0.00101	\$ 0.14
20	July	1,400,775	9,897	142	\$ 0.00101	\$ 0.14
21	August	1,410,723	9,891	143	\$ 0.00101	\$ 0.14
22	September	1,535,871	9,903	155	\$ 0.00101	\$ 0.16
23	October	2,909,246	10,008	291	\$ 0.00101	\$ 0.29
24	November	5,338,813	10,099	529	\$ 0.00101	\$ 0.54
25	December	8,471,343	10,154	834	\$ 0.00101	\$ 0.85
26	Total	51,301,778	10,002	5,104	\$ 0.00101	\$ 5.18

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Line No.	Month	2019 Forecast Usage	2019 Forecast Avg. Customers	Avg. Use Per Customer	2019 EE Factor	Total Bill Impact
1	January	5,825,073	4,206	1,385	\$ 0.00085	\$ 1.18
2	February	5,379,449	4,214	1,277	\$ 0.00085	\$ 1.09
3	March	5,350,822	4,227	1,266	\$ 0.00085	\$ 1.08
4	April	4,449,749	4,234	1,051	\$ 0.00085	\$ 0.89
5	May	3,683,808	4,242	868	\$ 0.00085	\$ 0.74
6	June	4,365,377	4,249	1,027	\$ 0.00085	\$ 0.87
7	July	5,594,905	4,257	1,314	\$ 0.00085	\$ 1.12
8	August	5,929,742	4,266	1,390	\$ 0.00085	\$ 1.18
9	September	4,395,415	4,277	1,028	\$ 0.00085	\$ 0.87
10	October	3,792,287	4,284	885	\$ 0.00085	\$ 0.75
11	November	4,049,587	4,294	943	\$ 0.00085	\$ 0.80
12	December	5,808,184	4,310	1,348	\$ 0.00085	\$ 1.15
13	Total	58,624,399	4,255	13,782	\$ 0.00085	\$ 11.73

Residential Gas

Line No.	Month	2019 Forecast Usage	2019 Forecast Avg. Customers	Avg. Use Per Customer	2019 EE Factor	Total Bill Impact
14	January	12,218,840	87,370	140	\$ 0.00870	\$ 1.22
15	February	9,988,241	87,423	114	\$ 0.00870	\$ 0.99
16	March	7,722,586	87,383	88	\$ 0.00870	\$ 0.77
17	April	4,079,637	87,107	47	\$ 0.00870	\$ 0.41
18	May	2,013,243	86,610	23	\$ 0.00870	\$ 0.20
19	June	1,228,152	86,366	14	\$ 0.00870	\$ 0.12
20	July	1,212,080	86,229	14	\$ 0.00870	\$ 0.12
21	August	1,214,491	86,284	14	\$ 0.00870	\$ 0.12
22	September	1,409,207	86,595	16	\$ 0.00870	\$ 0.14
23	October	3,262,058	87,403	37	\$ 0.00870	\$ 0.32
24	November	6,643,372	87,989	76	\$ 0.00870	\$ 0.66
25	December	10,964,268	88,283	124	\$ 0.00870	\$ 1.08
26	Total	61,956,175	87,087	708	\$ 0.00870	\$ 6.16

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Nonresidential Electric

Line No.	Month	2019 Forecast Usage	2019 Forecast Avg. Customers	Avg. Use Per Customer	2019 EE Factor	Total Bill Impact
1	January	13,853,989	934	14,839	\$ 0.00015	\$ 2.27
2	February	13,613,276	934	14,581	\$ 0.00015	\$ 2.23
3	March	13,604,378	936	14,531	\$ 0.00015	\$ 2.22
4	April	13,676,186	943	14,501	\$ 0.00015	\$ 2.22
5	May	13,965,225	948	14,731	\$ 0.00015	\$ 2.25
6	June	14,466,784	950	15,224	\$ 0.00015	\$ 2.33
7	July	15,985,482	950	16,836	\$ 0.00015	\$ 2.58
8	August	16,409,095	951	17,248	\$ 0.00015	\$ 2.64
9	September	15,655,232	951	16,454	\$ 0.00015	\$ 2.52
10	October	14,531,535	951	15,278	\$ 0.00015	\$ 2.34
11	November	13,696,083	952	14,391	\$ 0.00015	\$ 2.20
12	December	13,864,138	949	14,610	\$ 0.00015	\$ 2.24
13	Total	173,321,405	946	183,224	\$ 0.00015	\$ 28.03

Nonresidential Gas

Line No.	Month	2019 Forecast Usage	2019 Forecast Avg. Customers	Avg. Use Per Customer	2019 EE Factor	Total Bill Impact
14	January	9,679,743	10,169	952	\$ 0.00099	\$ 0.94
15	February	7,943,542	10,175	781	\$ 0.00099	\$ 0.77
16	March	6,287,927	10,168	618	\$ 0.00099	\$ 0.61
17	April	3,596,495	10,127	355	\$ 0.00099	\$ 0.35
18	May	2,064,402	10,082	205	\$ 0.00099	\$ 0.20
19	June	1,448,260	10,028	144	\$ 0.00099	\$ 0.14
20	July	1,445,863	10,012	144	\$ 0.00099	\$ 0.14
21	August	1,446,102	10,007	145	\$ 0.00099	\$ 0.14
22	September	1,584,943	10,018	158	\$ 0.00099	\$ 0.16
23	October	2,983,958	10,124	295	\$ 0.00099	\$ 0.29
24	November	5,435,155	10,215	532	\$ 0.00099	\$ 0.53
25	December	8,707,102	10,270	848	\$ 0.00099	\$ 0.84
26	Total	52,623,491	10,116	5,177	\$ 0.00099	\$ 5.13

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Residential Electric

Line No.	Month	2020 Forecast Usage	2020 Forecast Avg. Customers	Avg. Use Per Customer	2020 EE Factor	Total Bill Impact
1	Total	60,659,072	4,375	13,865	\$ 0.00083	\$ 11.49

Residential Gas

Line No.	Month	2020 Forecast Usage	2020 Forecast Avg. Customers	Avg. Use Per Customer	2020 EE Factor	Total Bill Impact
2	Total	62,924,687	88,091	714	\$ 0.00858	\$ 6.13

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Nonresidential Electric

Line No.	Month	2020 Forecast Usage	2020 Forecast Avg. Customers	Avg. Use Per Customer	2020 EE Factor	Total Bill Impact
1	Total	174,768,997	967	180,733	\$ 0.00015	\$ 27.84

Nonresidential Gas

Line No.	Month	2020 Forecast Usage	2020 Forecast Avg. Customers	Avg. Use Per Customer	2020 EE Factor	Total Bill Impact
2	Total	53,826,985	10,228	5,263	\$ 0.00097	\$ 5.11

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Residential Electric

Line No.	Month	2021 Forecast Usage	2021 Forecast Avg. Customers	Avg. Use Per Customer	2021 EE Factor	Total Bill Impact
1	Total	62,730,046	4,500	13,940	\$ 0.00081	\$ 11.26

Residential Gas

Line No.	Month	2021 Forecast Usage	2021 Forecast Avg. Customers	Avg. Use Per Customer	2021 EE Factor	Total Bill Impact
2	Total	63,866,521	89,057	717	\$ 0.00846	\$ 6.07

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Nonresidential Electric

Line No.	Month	2021 Forecast Usage	2021 Forecast Avg. Customers	Avg. Use Per Customer	2021 EE Factor	Total Bill Impact
1	Total	176,013,919	982	179,240	\$ 0.00016	\$ 27.84

Nonresidential Gas

Line No.	Month	2021 Forecast Usage	2021 Forecast Avg. Customers	Avg. Use Per Customer	2021 EE Factor	Total Bill Impact
2	Total	52,199,539	10,344	5,046	\$ 0.00100	\$ 5.06

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Residential Electric

Line No.	Month	2022 Forecast Usage	2022 Forecast Avg. Customers	Avg. Use Per Customer	2022 EE Factor	Total Bill Impact
1	Total	65,042,730	4,630	14,048	\$ 0.00079	\$ 11.04

Residential Gas

Line No.	Month	2022 Forecast Usage	2022 Forecast Avg. Customers	Avg. Use Per Customer	2022 EE Factor	Total Bill Impact
2	Total	64,802,777	90,042	720	\$ 0.00835	\$ 6.01

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Nonresidential Electric

Line No.	Month	2022 Forecast Usage	2022 Forecast Avg. Customers	Avg. Use Per Customer	2022 EE Factor	Total Bill Impact
1	Total	177,363,958	997	177,898	\$ 0.00016	\$ 27.85

Nonresidential Gas

Line No.	Month	2022 Forecast Usage	2022 Forecast Avg. Customers	Avg. Use Per Customer	2022 EE Factor	Total Bill Impact
2	Total	56,165,579	10,460	5,370	\$ 0.00093	\$ 5.01

Estimated South Dakota EECR Factor Calculation - 2018

$$EECR_c = \frac{EXPc}{S_c} + \frac{PIc + Rc}{S_c}$$

EXP = Program budgets (from Exhibit 1)
 S = Sales (kWh or therms)
 c = customer class (res or non-res)
 PI = Performance Incentive

Jan 2018 EECR	
Res electric	\$ 0.00087
Non-res electric	\$ 0.00015
Res gas	\$ 0.00883
Non-res gas	\$ 0.00101

RESIDENTIAL		
ELECTRIC	<u>Residential Electric EECR</u>	
	EXP	\$ 46,288
	PI	\$ 3,203
		\$ 49,491
	S, kWh (2018 Forecast)	56,750,522
EECR, Res \$ per kWh	\$ 0.00087	

NON-RESIDENTIAL		
	<u>Nonresidential Electric EECR</u>	
	EXP	\$ 24,432
	PI	\$ 1,691
		\$ 26,123
	S, kWh (2018 Forecast)	171,835,351
EECR, Non-res \$ per kWh	\$ 0.00015	

RESIDENTIAL		
GAS	<u>Residential Gas EECR</u>	
	EXP	\$ 503,925
	PI	\$ 34,872
		\$ 538,797
	S, therms (2018 Forecast)	61,006,413
EECR, Res \$ per therm	\$ 0.00883	

NON-RESIDENTIAL		
	<u>Nonresidential Gas EECR</u>	
	EXP	\$ 48,684
	PI	\$ 3,369
		\$ 52,053
	S, therms (2018 Forecast)	51,301,778
EECR, Non-res \$ per therm	\$ 0.00101	

Estimated South Dakota EECR Factor Calculation - 2019

$$EECR_c = \frac{EXPc}{S_c} + \frac{PIc + Rc}{S_c}$$

EXP = Program budgets (from Exhibit 1)
 S = Sales (kWh or therms)
 c = customer class (res or non-res)
 PI = Performance Incentive

Jan 2019 EECR	
Res electric	\$ 0.00085
Non-res electric	\$ 0.00015
Res gas	\$ 0.00870
Non-res gas	\$ 0.00099

RESIDENTIAL		
ELECTRIC	<u>Residential Electric EECR</u>	
	EXP	\$ 46,653
	PI	\$ 3,228
		\$ 49,881
	S, kWh (2019 Forecast)	58,624,399
EECR, Res \$ per kWh		\$ 0.00085

NON-RESIDENTIAL		
ELECTRIC	<u>Nonresidential Electric EECR</u>	
	EXP	\$ 24,803
	PI	\$ 1,716
		\$ 26,519
	S, kWh (2019 Forecast)	173,321,405
EECR, Non-res \$ per kWh		\$ 0.00015

RESIDENTIAL		
GAS	<u>Residential Gas EECR</u>	
	EXP	\$ 504,393
	PI	\$ 34,904
		\$ 539,297
	S, therms (2019 Forecast)	61,956,175
EECR, Res \$ per therm		\$ 0.00870

NON-RESIDENTIAL		
GAS	<u>Nonresidential Gas EECR</u>	
	EXP	\$ 48,765
	PI	\$ 3,375
		\$ 52,140
	S, therms (2019 Forecast)	52,623,491
EECR, Non-res \$ per therm		\$ 0.00099

Estimated South Dakota EECR Factor Calculation - 2020

$$EECR_c = \frac{EXPc}{S_c} + \frac{PIc + Rc}{S_c}$$

EXP = Program budgets (from Exhibit 1)
 S = Sales (kWh or therms)
 c = customer class (res or non-res)
 PI = Performance Incentive

Jan 2020 EECR	
Res electric	\$ 0.00083
Non-res electric	\$ 0.00015
Res gas	\$ 0.00858
Non-res gas	\$ 0.00097

RESIDENTIAL		
ELECTRIC	<u>Residential Electric EECR</u>	
	EXP	\$ 47,025
	PI	\$ 3,254
		\$ 50,279
	S, kWh (2020 Forecast)	60,659,072
EECR, Res \$ per kWh	\$ 0.00083	

NON-RESIDENTIAL		
	<u>Nonresidential Electric EECR</u>	
	EXP	\$ 25,183
	PI	\$ 1,743
		\$ 26,926
	S, kWh (2020 Forecast)	174,768,997
EECR, Non-res \$ per kWh	\$ 0.00015	

GAS	<u>Residential Gas EECR</u>	
	EXP	\$ 504,872
	PI	\$ 34,937
		\$ 539,809
	S, therms (2020 Forecast)	62,924,687
EECR, Res \$ per therm	\$ 0.00858	

	<u>Nonresidential Gas EECR</u>	
	EXP	\$ 48,848
	PI	\$ 3,380
		\$ 52,228
	S, therms (2020 Forecast)	53,826,985
EECR, Non-res \$ per therm	\$ 0.00097	

Estimated South Dakota EECR Factor Calculation - 2021

$$EECR_c = \frac{EXPc}{S_c} + \frac{PIc + Rc}{S_c}$$

EXP = Program budgets (from Exhibit 1)
 S = Sales (kWh or therms)
 c = customer class (res or non-res)
 PI = Performance Incentive

Jan 2021 EECR	
Res electric	\$ 0.00081
Non-res electric	\$ 0.00016
Res gas	\$ 0.00846
Non-res gas	\$ 0.00100

RESIDENTIAL		
ELECTRIC	<u>Residential Electric EECR</u>	
	EXP	\$ 47,406
	PI	\$ 3,280
		\$ 50,686
	S, kWh (2021 Forecast)	62,730,046
EECR, Res \$ per kWh	\$ 0.00081	

NON-RESIDENTIAL		
	<u>Nonresidential Electric EECR</u>	
	EXP	\$ 25,571
	PI	\$ 1,770
		\$ 27,341
	S, kWh (2021 Forecast)	176,013,919
EECR, Non-res \$ per kWh	\$ 0.00016	

RESIDENTIAL		
GAS	<u>Residential Gas EECR</u>	
	EXP	\$ 505,361
	PI	\$ 34,971
		\$ 540,332
	S, therms (2021 Forecast)	63,866,521
EECR, Res \$ per therm	\$ 0.00846	

NON-RESIDENTIAL		
	<u>Nonresidential Gas EECR</u>	
	EXP	\$ 48,933
	PI	\$ 3,386
		\$ 52,319
	S, therms (2021 Forecast)	52,199,539
EECR, Non-res \$ per therm	\$ 0.00100	

Estimated South Dakota EECR Factor Calculation - 2022

$$EECR_c = \frac{EXPc}{S_c} + \frac{PIc + Rc}{S_c}$$

EXP = Program budgets (from Exhibit 1)
 S = Sales (kWh or therms)
 c = customer class (res or non-res)
 PI = Performance Incentive

Jan 2022 EECR	
Res electric	\$ 0.00079
Non-res electric	\$ 0.00016
Res gas	\$ 0.00835
Non-res gas	\$ 0.00093

RESIDENTIAL		
ELECTRIC	<u>Residential Electric EECR</u>	
	EXP	\$ 47,797
	PI	\$ 3,308
		\$ 51,105
	S, kWh (2022 Forecast)	65,042,730
EECR, Res \$ per kWh	\$ 0.00079	

NON-RESIDENTIAL		
	<u>Nonresidential Electric EECR</u>	
	EXP	\$ 25,968
	PI	\$ 1,797
		\$ 27,765
	S, kWh (2022 Forecast)	177,363,958
EECR, Non-res \$ per kWh	\$ 0.00016	

GAS	<u>Residential Gas EECR</u>	
	EXP	\$ 505,861
	PI	\$ 35,006
		\$ 540,867
	S, therms (2022 Forecast)	64,802,777
EECR, Res \$ per therm	\$ 0.00835	

	<u>Nonresidential Gas EECR</u>	
	EXP	\$ 49,019
	PI	\$ 3,392
		\$ 52,411
	S, therms (2022 Forecast)	56,165,579
EECR, Non-res \$ per therm	\$ 0.00093	

**MidAmerican Energy Company
 Electric Sales Forecast**

	Forecast January-18	Forecast February-18	Forecast March-18	Forecast April-18	Forecast May-18	Forecast June-18
BILLED DELIVERY SALES (kWh)						
South Dakota						
Residential	5,516,836	5,215,368	5,283,094	4,243,602	3,580,979	4,305,486
Commercial	3,057,951	3,092,364	3,132,404	2,861,977	2,808,848	3,076,896
Industrial	9,892,277	9,831,895	9,975,040	10,030,578	10,501,554	10,924,253
Street Lighting	45,031	43,763	36,589	32,286	28,604	28,226
Public Authorities	649,643	590,422	555,687	517,059	540,138	516,249
	<u>19,161,739</u>	<u>18,773,811</u>	<u>18,982,814</u>	<u>17,685,501</u>	<u>17,460,123</u>	<u>18,851,109</u>
EECR:						
Residential:	5,516,836	5,215,368	5,283,094	4,243,602	3,580,979	4,305,486
Non-Residential:						
Commercial	3,057,951	3,092,364	3,132,404	2,861,977	2,808,848	3,076,896
Industrial	9,892,277	9,831,895	9,975,040	10,030,578	10,501,554	10,924,253
Public Authorities	649,643	590,422	555,687	517,059	540,138	516,249
	<u>13,599,871</u>	<u>13,514,680</u>	<u>13,663,131</u>	<u>13,409,614</u>	<u>13,850,540</u>	<u>14,517,398</u>
Check:						
Street lighting	45,031	43,763	36,589	32,286	28,604	28,226
Total	19,161,739	18,773,811	18,982,814	17,685,501	17,460,123	18,851,109
Difference	-	-	-	-	-	-

**MidAmerican Energy Company
 Electric Sales Forecast**

	Forecast July-18	Forecast August-18	Forecast September-18	Forecast October-18	Forecast November-18	Forecast December-18
BILLED DELIVERY SALES (kWh)						
South Dakota						
Residential	5,362,068	5,856,013	4,198,158	3,683,525	4,045,604	5,459,788
Commercial	3,423,892	3,868,112	3,043,177	2,908,944	2,942,749	3,059,032
Industrial	11,705,263	11,968,159	11,718,989	10,922,666	10,343,559	9,856,124
Street Lighting	26,400	27,072	33,294	34,800	38,127	46,312
Public Authorities	569,932	616,150	598,089	601,858	544,311	589,111
	<u>21,087,555</u>	<u>22,335,505</u>	<u>19,591,708</u>	<u>18,151,792</u>	<u>17,914,351</u>	<u>19,010,368</u>
EECR:						
Residential:	5,362,068	5,856,013	4,198,158	3,683,525	4,045,604	5,459,788
Non-Residential:						
Commercial	3,423,892	3,868,112	3,043,177	2,908,944	2,942,749	3,059,032
Industrial	11,705,263	11,968,159	11,718,989	10,922,666	10,343,559	9,856,124
Public Authorities	569,932	616,150	598,089	601,858	544,311	589,111
	<u>15,699,087</u>	<u>16,452,420</u>	<u>15,360,256</u>	<u>14,433,467</u>	<u>13,830,619</u>	<u>13,504,267</u>
Check:						
Street lighting	26,400	27,072	33,294	34,800	38,127	46,312
Total	21,087,555	22,335,505	19,591,708	18,151,792	17,914,351	19,010,368
Difference	-	-	-	-	-	-

**MidAmerican Energy Company
 Electric Sales Forecast**

	Forecast 2018	Forecast January-19	Forecast February-19	Forecast March-19	Forecast April-19	Forecast May-19
BILLED DELIVERY SALES (kWh)						
South Dakota						
Residential	56,750,522	5,825,073	5,379,449	5,350,822	4,449,749	3,683,808
Commercial	37,276,346	3,253,874	3,149,297	3,048,411	3,062,935	2,870,952
Industrial	127,670,356	9,918,152	9,860,909	10,006,579	10,062,207	10,534,877
Street Lighting	420,503	45,189	43,916	36,717	32,399	28,704
Public Authorities	6,888,649	681,964	603,070	549,388	551,044	559,396
	229,006,376	19,724,251	19,036,642	18,991,917	18,158,334	17,677,737
EECR:						
Residential:	56,750,522	5,825,073	5,379,449	5,350,822	4,449,749	3,683,808
Non-Residential:						
Commercial	37,276,346	3,253,874	3,149,297	3,048,411	3,062,935	2,870,952
Industrial	127,670,356	9,918,152	9,860,909	10,006,579	10,062,207	10,534,877
Public Authorities	6,888,649	681,964	603,070	549,388	551,044	559,396
	171,835,351	13,853,989	13,613,276	13,604,378	13,676,186	13,965,225
Check:						
Street lighting	420,503	45,189	43,916	36,717	32,399	28,704
Total	229,006,376	19,724,251	19,036,642	18,991,917	18,158,334	17,677,737
Difference	-	-	-	-	-	-

**MidAmerican Energy Company
 Electric Sales Forecast**

	Forecast June-19	Forecast July-19	Forecast August-19	Forecast September-19	Forecast October-19	Forecast November-19
BILLED DELIVERY SALES (kWh)						
South Dakota						
Residential	4,365,377	5,594,905	5,929,742	4,395,415	3,792,287	4,049,587
Commercial	2,992,162	3,636,106	3,785,545	3,261,247	2,952,711	2,786,027
Industrial	10,959,101	11,739,452	12,003,751	11,753,348	10,957,944	10,379,762
Street Lighting	28,324	26,492	27,166	33,410	34,922	38,261
Public Authorities	515,521	609,924	619,799	640,637	620,881	530,294
	<u>18,860,485</u>	<u>21,606,880</u>	<u>22,366,004</u>	<u>20,084,057</u>	<u>18,358,745</u>	<u>17,783,931</u>
EECR:						
Residential:	4,365,377	5,594,905	5,929,742	4,395,415	3,792,287	4,049,587
Non-Residential:						
Commercial	2,992,162	3,636,106	3,785,545	3,261,247	2,952,711	2,786,027
Industrial	10,959,101	11,739,452	12,003,751	11,753,348	10,957,944	10,379,762
Public Authorities	515,521	609,924	619,799	640,637	620,881	530,294
	<u>14,466,784</u>	<u>15,985,482</u>	<u>16,409,095</u>	<u>15,655,232</u>	<u>14,531,535</u>	<u>13,696,083</u>
Check:						
Street lighting	28,324	26,492	27,166	33,410	34,922	38,261
Total	18,860,485	21,606,880	22,366,004	20,084,057	18,358,745	17,783,931
Difference	-	-	-	-	-	-

**MidAmerican Energy Company
 Electric Sales Forecast**

	Forecast December-19	Forecast 2019	Forecast 2020	Forecast 2021	Forecast 2022
BILLED DELIVERY SALES (kWh)					
South Dakota					
Residential	5,808,184	58,624,399	60,659,072	62,730,046	65,042,730
Commercial	3,341,024	38,140,292	38,915,486	39,540,249	40,244,187
Industrial	9,890,425	128,066,507	128,479,671	128,819,653	129,164,409
Street Lighting	46,475	421,975	423,452	424,934	426,421
Public Authorities	632,689	7,114,606	7,373,840	7,654,017	7,955,362
	19,718,797	232,367,778	235,851,521	239,168,899	242,833,109
EECR:					
Residential:	5,808,184	58,624,399	60,659,072	62,730,046	65,042,730
Non-Residential:					
Commercial	3,341,024	38,140,292	38,915,486	39,540,249	40,244,187
Industrial	9,890,425	128,066,507	128,479,671	128,819,653	129,164,409
Public Authorities	632,689	7,114,606	7,373,840	7,654,017	7,955,362
	13,864,138	173,321,405	174,768,997	176,013,919	177,363,958
Check:					
Street lighting	46,475	421,975	423,452	424,934	426,421
Total	19,718,797	232,367,778	235,851,521	239,168,899	242,833,109
Difference	-	-	-	-	-

**MidAmerican Energy Company
 Electric Customers Forecast**

	Forecast January-18	Forecast February-18	Forecast March-18	Forecast April-18	Forecast May-18	Forecast June-18
South Dakota						
Residential	4,102	4,109	4,120	4,127	4,133	4,139
Commercial	756	756	758	765	770	769
Industrial	22	22	22	22	22	22
Street Lighting	4	4	4	4	4	4
Public Authorities	139	139	140	141	141	144
South Dakota Total	5,024	5,031	5,045	5,059	5,070	5,079

EECR:

Residential: 4,102 4,109 4,120 4,127 4,133 4,139

Non-Residential:

Commercial	756	756	758	765	770	769
Industrial	22	22	22	22	22	22
Public Authorities	139	139	140	141	141	144
	918	918	921	928	933	935

Check:

Street lighting	4	4	4	4	4	4
Total	5,024	5,031	5,045	5,059	5,070	5,079
Difference	-	-	-	-	-	-

**MidAmerican Energy Company
 Electric Customers Forecast**

	Forecast July-18	Forecast August-18	Forecast September-18	Forecast October-18	Forecast November-18	Forecast December-18
South Dakota						
Residential	4,147	4,154	4,165	4,171	4,180	4,195
Commercial	769	770	770	770	770	767
Industrial	22	22	22	22	22	22
Street Lighting	4	4	4	4	4	4
Public Authorities	144	144	145	145	145	146
South Dakota Total	5,085	5,095	5,105	5,112	5,121	5,134

EECR:

Residential: 4,147 4,154 4,165 4,171 4,180 4,195

Non-Residential:

Commercial	769	770	770	770	770	767
Industrial	22	22	22	22	22	22
Public Authorities	144	144	145	145	145	146
	935	937	937	936	937	934

Check:

Street lighting	4	4	4	4	4	4
Total	5,085	5,095	5,105	5,112	5,121	5,134
Difference	-	-	-	-	-	-

**MidAmerican Energy Company
 Electric Customers Forecast**

	Forecast 2018	Forecast January-19	Forecast February-19	Forecast March-19	Forecast April-19	Forecast May-19
South Dakota						
Residential	4,145	4,206	4,214	4,227	4,234	4,242
Commercial	766	766	765	767	774	778
Industrial	22	22	22	22	22	22
Street Lighting	4	4	4	4	4	4
Public Authorities	143	146	146	147	148	148
South Dakota Total	5,080	5,143	5,151	5,167	5,182	5,194
EECR:						
Residential:	4,145	4,206	4,214	4,227	4,234	4,242
Non-Residential:						
Commercial	766	766	765	767	774	778
Industrial	22	22	22	22	22	22
Public Authorities	143	146	146	147	148	148
	931	934	934	936	943	948
Check:						
Street lighting	4	4	4	4	4	4
Total	5,080	5,143	5,151	5,167	5,182	5,194
Difference	-	-	-	-	-	-

**MidAmerican Energy Company
 Electric Customers Forecast**

	Forecast June-19	Forecast July-19	Forecast August-19	Forecast September-19	Forecast October-19	Forecast November-19
South Dakota						
Residential	4,249	4,257	4,266	4,277	4,284	4,294
Commercial	778	777	778	778	778	778
Industrial	22	22	22	22	22	22
Street Lighting	4	4	4	4	4	4
Public Authorities	151	151	151	152	152	152
South Dakota Total	5,203	5,211	5,221	5,232	5,239	5,250

EECR:

Residential: 4,249 4,257 4,266 4,277 4,284 4,294

Non-Residential:

Commercial	778	777	778	778	778	778
Industrial	22	22	22	22	22	22
Public Authorities	151	151	151	152	152	152
	950	950	951	951	951	952

Check:

Street lighting	4	4	4	4	4	4
Total	5,203	5,211	5,221	5,232	5,239	5,250
Difference	-	-	-	-	-	-

**MidAmerican Energy Company
 Electric Customers Forecast**

	Forecast December-19	Forecast 2019	Forecast 2020	Forecast 2021	Forecast 2022
South Dakota					
Residential	4,310	4,255	4,375	4,500	4,630
Commercial	774	774	782	789	797
Industrial	22	22	22	22	22
Street Lighting	4	4	4	4	4
Public Authorities	153	150	163	171	178
South Dakota Total	5,263	5,205	5,346	5,486	5,631
EECR:					
Residential:	4,310	4,255	4,375	4,500	4,630
Non-Residential:					
Commercial	774	774	782	789	797
Industrial	22	22	22	22	22
Public Authorities	153	150	163	171	178
	949	946	967	982	997
Check:					
Street lighting	4	4	4	4	4
Total	5,263	5,205	5,346	5,486	5,631
Difference	-	-	-	-	-

**MidAmerican Energy Company
 Gas Sales Forecast**

	Forecast January-18	Forecast February-18	Forecast March-18	Forecast April-18	Forecast May-18	Forecast June-18	Forecast July-18
Residential	12,031,530	9,835,125	7,604,202	4,017,097	1,982,381	1,209,325	1,193,499
Commercial	8,222,246	6,719,286	5,256,806	2,900,742	1,606,034	1,130,777	1,138,577
Industrial	455,751	391,427	321,837	225,591	173,463	149,484	150,032
Transport - MMT	747,810	636,772	577,574	359,978	226,640	132,789	112,166
Transport	4,586,996	4,885,911	4,242,776	3,838,664	3,091,074	2,659,650	2,418,847
	26,044,333	22,468,521	18,003,195	11,342,073	7,079,591	5,282,025	5,013,121
EECR:							
Residential	12,031,530	9,835,125	7,604,202	4,017,097	1,982,381	1,209,325	1,193,499
Non-Residential:							
Commercial	8,222,246	6,719,286	5,256,806	2,900,742	1,606,034	1,130,777	1,138,577
Industrial	455,751	391,427	321,837	225,591	173,463	149,484	150,032
Transport - MMT	747,810	636,772	577,574	359,978	226,640	132,789	112,166
	9,425,807	7,747,485	6,156,217	3,486,312	2,006,136	1,413,050	1,400,775
Check:							
Transport	4,586,996	4,885,911	4,242,776	3,838,664	3,091,074	2,659,650	2,418,847
Total	26,044,333	22,468,521	18,003,195	11,342,073	7,079,591	5,282,025	5,013,121
Difference	-	-	-	-	-	-	-

**MidAmerican Energy Comp
 Gas Sales Forecast**

	Forecast August-18	Forecast September-18	Forecast October-18	Forecast November-18	Forecast December-18	Forecast 2018	Forecast January-19
Residential	1,195,874	1,387,605	3,212,052	6,541,532	10,796,190	61,006,413	12,218,840
Commercial	1,140,592	1,257,289	2,467,053	4,657,358	7,458,323	43,955,083	8,375,633
Industrial	150,561	157,641	220,290	317,104	433,211	3,146,393	471,492
Transport - MMT	119,570	120,941	221,903	364,350	579,808	4,200,302	832,619
Transport	2,438,982	2,582,306	2,737,030	3,634,726	4,043,753	41,160,715	4,708,903
	5,045,579	5,505,782	8,858,327	15,515,071	23,311,286	153,468,905	26,607,486
EECR:							
Residential	1,195,874	1,387,605	3,212,052	6,541,532	10,796,190	61,006,413	12,218,840
Non-Residential:							
Commercial	1,140,592	1,257,289	2,467,053	4,657,358	7,458,323	43,955,083	8,375,633
Industrial	150,561	157,641	220,290	317,104	433,211	3,146,393	471,492
Transport - MMT	119,570	120,941	221,903	364,350	579,808	4,200,302	832,619
	1,410,723	1,535,871	2,909,246	5,338,813	8,471,343	51,301,778	9,679,743
Check:							
Transport	2,438,982	2,582,306	2,737,030	3,634,726	4,043,753	41,160,715	4,708,903
Total	5,045,579	5,505,782	8,858,327	15,515,071	23,311,286	153,468,905	26,607,486
Difference	-	-	-	-	-	-	-

**MidAmerican Energy Comp
 Gas Sales Forecast**

	Forecast February-19	Forecast March-19	Forecast April-19	Forecast May-19	Forecast June-19	Forecast July-19	Forecast August-19
Residential	9,988,241	7,722,586	4,079,637	2,013,243	1,228,152	1,212,080	1,214,491
Commercial	6,844,625	5,354,888	2,954,853	1,635,998	1,151,875	1,159,824	1,161,871
Industrial	404,945	332,952	233,383	179,454	154,647	155,214	155,761
Transport - MMT	693,972	600,088	408,260	248,950	141,738	130,825	128,470
Transport	5,004,822	4,285,552	3,903,634	3,152,530	2,693,485	2,452,817	2,473,044
	22,936,605	18,296,065	11,579,766	7,230,174	5,369,897	5,110,760	5,133,637
EECR:							
Residential	9,988,241	7,722,586	4,079,637	2,013,243	1,228,152	1,212,080	1,214,491
Non-Residential:							
Commercial	6,844,625	5,354,888	2,954,853	1,635,998	1,151,875	1,159,824	1,161,871
Industrial	404,945	332,952	233,383	179,454	154,647	155,214	155,761
Transport - MMT	693,972	600,088	408,260	248,950	141,738	130,825	128,470
	7,943,542	6,287,927	3,596,495	2,064,402	1,448,260	1,445,863	1,446,102
Check:							
Transport	5,004,822	4,285,552	3,903,634	3,152,530	2,693,485	2,452,817	2,473,044
Total	22,936,605	18,296,065	11,579,766	7,230,174	5,369,897	5,110,760	5,133,637
Difference	-	-	-	-	-	-	-

**MidAmerican Energy Comp
 Gas Sales Forecast**

	Forecast September-19	Forecast October-19	Forecast November-19	Forecast December-19	Forecast 2019	Forecast 2020	Forecast 2021
Residential	1,409,207	3,262,058	6,643,372	10,964,268	61,956,175	62,924,687	63,866,521
Commercial	1,280,744	2,512,971	4,744,199	7,597,468	44,774,948	45,567,414	46,237,475
Industrial	163,086	227,898	328,056	448,173	3,255,059	3,345,866	3,436,672
Transport - MMT	141,113	243,089	362,900	661,460	4,593,484	4,913,705	2,525,392
Transport	2,617,202	2,781,503	3,643,337	4,148,340	41,865,167	42,507,498	43,051,338
	5,611,352	9,027,519	15,721,864	23,819,709	156,444,833	159,259,170	159,117,398
EECR:							
Residential	1,409,207	3,262,058	6,643,372	10,964,268	61,956,175	62,924,687	63,866,521
Non-Residential:							
Commercial	1,280,744	2,512,971	4,744,199	7,597,468	44,774,948	45,567,414	46,237,475
Industrial	163,086	227,898	328,056	448,173	3,255,059	3,345,866	3,436,672
Transport - MMT	141,113	243,089	362,900	661,460	4,593,484	4,913,705	2,525,392
	1,584,943	2,983,958	5,435,155	8,707,102	52,623,491	53,826,985	52,199,539
Check:							
Transport	2,617,202	2,781,503	3,643,337	4,148,340	41,865,167	42,507,498	43,051,338
Total	5,611,352	9,027,519	15,721,864	23,819,709	156,444,833	159,259,170	159,117,398
Difference	-	-	-	-	-	-	-

**MidAmerican Energy Comp
 Gas Sales Forecast**

	Forecast 2022
Residential	64,802,777
Commercial	47,058,502
Industrial	3,527,478
Transport - MMT	5,579,599
Transport	43,620,526
	164,588,882
EECR:	
Residential	64,802,777
Non-Residential:	
Commercial	47,058,502
Industrial	3,527,478
Transport - MMT	5,579,599
	56,165,579
Check:	
Transport	43,620,526
Total	164,588,882
Difference	-

**MidAmerican Energy Company
 Gas Average Customers Forecast**

	Forecast January-18	Forecast February-18	Forecast March-18	Forecast April-18	Forecast May-18	Forecast June-18	Forecast July-18	Forecast August-18	Forecast September-18
Residential	86,299	86,356	86,320	86,047	85,554	85,314	85,181	85,239	85,554
Commercial	9,840	9,844	9,836	9,794	9,747	9,692	9,675	9,668	9,678
Industrial	63	63	63	62	62	62	62	62	63
Transport - MMT	154	155	156	157	158	159	160	161	162
Transport	131	131	131	131	131	131	131	131	131
	96,488	96,549	96,505	96,191	95,653	95,358	95,209	95,261	95,588
EECR:									
Residential	86,299	86,356	86,320	86,047	85,554	85,314	85,181	85,239	85,554
Non-Residential:									
Commercial	9,840	9,844	9,836	9,794	9,747	9,692	9,675	9,668	9,678
Industrial	63	63	63	62	62	62	62	62	63
Transport - MMT	154	155	156	157	158	159	160	161	162
	10,057	10,062	10,054	10,013	9,967	9,913	9,897	9,891	9,903
Check:									
Transport	131	131	131	131	131	131	131	131	131
Total	96,488	96,549	96,505	96,191	95,653	95,358	95,209	95,261	95,588
Difference	-	-	-	-	-	-	-	-	-

**MidAmerican Energy Compa
 Gas Average Customers For**

	Forecast October-18	Forecast November-18	Forecast December-18	Forecast 2018	Forecast January-19	Forecast February-19	Forecast March-19	Forecast April-19	Forecast May-19
Residential	86,365	86,955	87,252	86,036	87,370	87,423	87,383	87,107	86,610
Commercial	9,782	9,872	9,924	9,779	9,939	9,944	9,935	9,894	9,848
Industrial	63	63	64	63	64	64	64	64	64
Transport - MMT	163	164	165	160	166	167	168	169	170
Transport	131	131	131	131	131	131	131	131	131
	96,505	97,185	97,537	96,169	97,670	97,729	97,682	97,365	96,823
EECR:									
Residential	86,365	86,955	87,252	86,036	87,370	87,423	87,383	87,107	86,610
Non-Residential:									
Commercial	9,782	9,872	9,924	9,779	9,939	9,944	9,935	9,894	9,848
Industrial	63	63	64	63	64	64	64	64	64
Transport - MMT	163	164	165	160	166	167	168	169	170
	10,008	10,099	10,154	10,002	10,169	10,175	10,168	10,127	10,082
Check:									
Transport	131	131	131	131	131	131	131	131	131
Total	96,505	97,185	97,537	96,169	97,670	97,729	97,682	97,365	96,823
Difference	-	-	-	-	-	-	-	-	-

**MidAmerican Energy Compa
 Gas Average Customers For**

	Forecast June-19	Forecast July-19	Forecast August-19	Forecast September-19	Forecast October-19	Forecast November-19	Forecast December-19	Forecast 2019
Residential	86,366	86,229	86,284	86,595	87,403	87,989	88,283	87,087
Commercial	9,793	9,777	9,770	9,780	9,885	9,975	10,027	9,881
Industrial	64	63	64	64	64	64	65	64
Transport - MMT	171	172	173	174	175	176	177	172
Transport	131	131	131	131	131	131	131	131
	96,525	96,372	96,421	96,744	97,658	98,335	98,683	97,334
EECR:								
Residential	86,366	86,229	86,284	86,595	87,403	87,989	88,283	87,087
Non-Residential:								
Commercial	9,793	9,777	9,770	9,780	9,885	9,975	10,027	9,881
Industrial	64	63	64	64	64	64	65	64
Transport - MMT	171	172	173	174	175	176	177	172
	10,028	10,012	10,007	10,018	10,124	10,215	10,270	10,116
Check:								
Transport	131	131	131	131	131	131	131	131
Total	96,525	96,372	96,421	96,744	97,658	98,335	98,683	97,334
Difference	-	-	-	-	-	-	-	-

**MidAmerican Energy Company
 Gas Average Customers Forecast**

	Forecast 2020	Forecast 2021	Forecast 2022
Residential	88,091	89,057	90,042
Commercial	9,984	10,089	10,196
Industrial	65	66	67
Transport - MMT	179	189	197
Transport	131	131	131
	98,450	99,532	100,633
EECR:			
Residential	88,091	89,057	90,042
Non-Residential:			
Commercial	9,984	10,089	10,196
Industrial	65	66	67
Transport - MMT	179	189	197
	10,228	10,344	10,460
Check:			
Transport	131	131	131
Total	98,450	99,532	100,633
Difference	-	-	-