			Average		Rebate	kWh	Therm					`
		Effective	Customer	Average	to Cost	Per Unit	Per Unit		Partic	ipation Stat	istics	
Program	Measure	Life	Cost	Rebate	Ratio	Savings	Savings	2018	2019	2020	2021	2022
Residential Equipment	CAC	18 \$	539.52	\$ 334.19	0.62	412.18	-	30	30	30	30	30
Residential Equipment	ASHP	18 \$	1,444.67	\$ 735.93	0.51	2,396.19	-	8	8	8	8	8
Residential Equipment	Furnace	20 \$	470.23	\$ 300.00	0.64	-	85.42	1,600	1,600	1,600	1,600	1,600
Residential Equipment	Furnace Fans	20 \$	97.00	\$ 50.00	0.52	554.83	(10.60)	20	20	20	20	20
Residential Equipment	Smart Thermostat - Combo	5 \$	175.00	\$ 125.00	0.71	127.56	49.04	50	50	50	50	50
Residential Appliance Recycling	Refrigerators	8 \$	120.00	\$ 170.00	1.42	1,028.60		10	10	10	10	10
Residential Appliance Recycling	Freezers	8 \$	120.00	\$ 170.00	1.42	761.20		5	5	5	5	5
Residential Load Control	Direct Load Control	1 \$	30.00	\$ 30.00	1.00	9.15		250	250	250	250	250
Nonresidential Equipment	Furnace	20 \$	436.36	\$ 300.00	0.69	-	178.24	115	115	115	115	115
Nonresidential Equipment	Boiler	25 \$	2,151.00	\$ 1,080.00	0.50	-	511.51	2	2	2	2	2
Nonresidential Equipment	CAC	15 \$	274.82	\$ 188.89	0.69	275.88	-	2	2	2	2	2
Nonresidential Equipment	VSD - Process	15 \$	7,340.00	\$ 3,000.00	0.41	81,700.00	-	1	1	1	1	1
Nonresidential Equipment	LED Lighting	13 \$	33.22	\$ 9.08	0.27	54.26	-	450	450	450	450	450
Nonresidential Equipment	Custom Electric	15 \$	440.00	\$ 156.17	0.35	1,041.10	-	3	3	3	3	3
Nonresidential Equipment	Custom Gas	20 \$	9,487.00	\$ 2,808.00	0.30	-	1,872.00	3	3	3	3	3

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		kWh	kWh	kWh	kWh	kWh	Peak kW				
Due augus	Managema	Savings									
Program	Measure	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Residential Equipment	CAC	12,365	24,731	37,096	49,462	61,827	14	29	43	57	72
Residential Equipment	ASHP	19,170	38,339	57,509	76,678	95,848	3	7	10	13	17
Residential Equipment	Furnace	-	-	-	-	-	-	-	-	-	-
Residential Equipment	Furnace Fans	11,097	22,193	33,290	44,386	55,483	3	5	8	10	13
Residential Equipment	Smart Thermostat - Combo	6,378	12,756	19,134	25,512	31,890	6	12	18	24	30
Residential Appliance Recycling	Refrigerators	10,286	20,572	30,858	41,144	51,430	1	3	4	6	7
Residential Appliance Recycling	Freezers	3,806	7,612	11,418	15,224	19,030	1	1	2	3	3
Residential Load Control	Direct Load Control	2,288	2,288	2,288	2,288	2,288	154	154	154	154	154
Nonresidential Equipment	Furnace	-	-	-	-	-	-	-	-	-	-
Nonresidential Equipment	Boiler	-	-	-	-	-	-	-	-	-	-
Nonresidential Equipment	CAC	552	1,104	1,655	2,207	2,759	0	1	1	1	2
Nonresidential Equipment	VSD - Process	81,700	163,400	245,100	326,800	408,500	9	19	28	37	47
Nonresidential Equipment	LED Lighting	24,417	48,834	73,251	97,668	122,085	9	17	26	35	43
Nonresidential Equipment	Custom Electric	3,123	6,247	9,370	12,493	15,617	1	1	2	3	3
Nonresidential Equipment	Custom Gas	-	-	-	-	-	-	-	-	-	-

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		Therm	Therm	Therm	Therm	Therm	Peak Therm	Peak Therm	Peak Therm	Peak Therm	Peak Therm
		Savings	Savings	Savings	Savings	Savings	Savings	Savings	Savings	Savings	Savings
Program	Measure	2018	2019	2020	2021	2022	2018	2019	2020	2021	2022
Residential Equipment	CAC	-	-	-	-	-	-	-	-	-	-
Residential Equipment	ASHP	-	-	-	-	-	-	-	-	-	-
Residential Equipment	Furnace	136,672	273,344	410,016	546,688	683,360	2,259	4,517	6,776	9,034	11,293
Residential Equipment	Furnace Fans	(212)	(424)	(636)	(848)	(1,060)	(4)	(7)	(11)	(14)	(18)
Residential Equipment	Smart Thermostat - Combo	2,452	4,904	7,356	9,808	12,260	41	81	122	162	203
Residential Appliance Recycling	Refrigerators	-	-	-	-	-	-	-	-	-	-
Residential Appliance Recycling	Freezers	-	-	-	-	-	-	-	-	-	-
Residential Load Control	Direct Load Control	-	-	-	-	-	-	-	-	-	-
Nonresidential Equipment	Furnace	20,498	40,995	61,493	81,990	102,488	254	508	762	1,016	1,269
Nonresidential Equipment	Boiler	1,023	2,046	3,069	4,092	5,115	12	25	37	49	61
Nonresidential Equipment	CAC	-	-	-	-	-	-	-	-	-	-
Nonresidential Equipment	VSD - Process	-	-	-	-	-	-	-	-	-	-
Nonresidential Equipment	LED Lighting	-	-	-	-	-	-	-	-	-	-
Nonresidential Equipment	Custom Electric	-	-	-	-	-	-	-	-	-	-
Nonresidential Equipment	Custom Gas	5,616	11,232	16,848	22,464	28,080	67	135	202	270	337

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		Net	Total	Ratepayer
		System	Resource	Impact
Program	Measure	Benefits	Cost Test	Test
Residential Equipment	CAC	\$ 85,836	2.30	1.73
Residential Equipment	ASHP	\$ 12,461	1.26	0.72
Residential Equipment	Furnace	\$ 1,308,245	1.43	0.70
Residential Equipment	Furnace Fans	\$ 26,982	2.86	1.14
Residential Equipment	Smart Thermostat - Combo	\$ 13,320	1.37	0.82
Residential Appliance Recycling	Refrigerators	\$ 10,902	3.22	0.59
Residential Appliance Recycling	Freezers	\$ 4,163	2.70	0.60
Residential Load Control	Direct Load Control	\$ 81,356	3.65	3.56
Nonresidential Equipment	Furnace	\$ 404,757	2.97	0.86
Nonresidential Equipment	Boiler	\$ 16,828	1.96	0.84
Nonresidential Equipment	CAC	\$ 1,506	1.67	1.20
Nonresidential Equipment	VSD - Process	\$ 153,477	6.12	1.03
Nonresidential Equipment	LED Lighting	\$ 31,745	1.52	1.47
Nonresidential Equipment	Custom Electric	\$ 3,997	1.74	1.11
Nonresidential Equipment	Custom Gas	\$ 42,881	1.37	0.84

MidAmerican Energy Company South Dakota 2018-2022 Energy Efficiency Plan Measure List Exhibit 2

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