

MidAmerican Energy Company  
South Dakota Energy Efficiency  
2017 Proposed Budgets

	--- Approved 2017 Plan ---		--- Proposed Increase ---		--- Updated 2017 Plan ---	
		kWh		kWh		kWh
Residential Electric Programs	Expenses	Savings	Expenses	Savings	Expenses	Savings
Equipment	\$ 50,181	55,754	\$ 32,000	177,456	\$ 82,181	233,210 (1)
Audit	\$ 2,019	3,424	\$ -	-	\$ 2,019	3,424
Load Management	\$ 18,191	1,192	\$ -	-	\$ 18,191	1,192
Appliance Recycling	\$ 7,632	36,500	\$ -	-	\$ 7,632	36,500
Subtotal	\$ 78,023	96,870	\$ 32,000	177,456	\$ 110,023	274,326
		kWh		kWh		kWh
Nonresidential Electric Programs	Expenses	Savings	Expenses	Savings	Expenses	Savings
Equipment	\$ 14,214	192,104	\$ 5,340	50,438	\$ 19,554	242,542 (2)
Audit	\$ 2,206	1,587	\$ -	-	\$ 2,206	1,587
Custom	\$ 16,901	59,210	\$ -	-	\$ 16,901	59,210
Subtotal	\$ 33,321	252,901	\$ 5,340	50,438	\$ 38,661	303,339
Total Electric	\$ 111,344	349,771	\$ 37,340	227,894	\$ 148,684	577,665
		Therm		Therm		Therm
Residential Gas Programs	Expenses	Savings	Expenses	Savings	Expenses	Savings
Equipment	\$ 47,206	9,659	\$ 510,000	247,095	\$ 557,206	256,754 (3)
Audit	\$ 307,289	38,904	\$ -	-	\$ 307,289	38,904
Subtotal	\$ 354,495	48,563	\$ 510,000	247,095	\$ 864,495	295,658
		Therm		Therm		Therm
Nonresidential Gas Programs	Expenses	Savings	Expenses	Savings	Expenses	Savings
Equipment	\$ 37,151	27,547	\$ 100,500	56,682	\$ 137,651	84,229 (4)
Audit	\$ 45,683	10,308	\$ -	-	\$ 45,683	10,308
Custom	\$ 31,219	13,774	\$ -	-	\$ 31,219	13,774
Subtotal	\$ 114,053	51,629	\$ 100,500	56,682	\$ 214,553	108,311
Total Gas	\$ 468,548	100,192	\$ 610,500	303,777	\$ 1,079,048	403,969

- Note 1 Residential electric equipment proposed increase is for residential Ground Source Heat Pumps.  
--- Expected participation of 16 units consistent with 2015 and 2016 estimates.  
--- Incentive per installation of \$2,000 consistent with 2015 and 2016.  
--- Estimated 11,091 kWh per Ground Source Heat Pump installation consistent with 2015 and 2016 values.
- Note 2 Nonresidential electric equipment proposed increase is for T5 and T8 lighting fixtures.  
--- Increase T-5 High Bay budget by 46 installations at an average savings per installation of 467.38 kWh and an average rebate of \$69 per installation.  
--- Increase T-8 High Bay budget by 30 installations at an average savings per installation of 954.81 kWh and an average rebate of \$69 per installation.  
--- Increase T-8 800 Series, or better, budget by 3 installations at an average savings per installation of 97.92 kWh and an average rebate of \$32.13 per installation.
- Note 3 Residential gas equipment proposed increase is for residential furnaces.  
--- Expected participation of 1,700 units based on 2016 forecast for year end.  
--- Incentive per furnace of \$300 consistent with 2016 rebate level.  
--- Estimated 145.35 therm savings per furnace consistent with 2015 and 2016.
- Note 4 Nonresidential gas equipment proposed increase is for furnaces.  
--- Increase furnace participation from 26 to 160, a net increase of 134 installations.  
--- Increase total furnace savings from 8,752 therms to 67,680 therms assuming 423 therms per furnace consistent with 2015 and 2016 values.  
--- Increase total furnace incentives from \$28,233 to \$120,000 with an average estimated rebate of \$750 per furnace consistent with 2016 rebate.