

MidAmerican Energy Company
South Dakota Energy Efficiency
2016 Proposed Budgets

	--- Approved 2016 Plan ---		--- Proposed Increase ---		--- Updated 2016 Plan ---	
Residential Electric Programs	Expenses	kWh Savings	Expenses	kWh Savings	Expenses	kWh Savings
Equipment	\$ 50,179	55,754	\$ 32,000	177,456	\$ 82,179	233,210 (1)
Audit	\$ 1,997	3,424	\$ -	-	\$ 1,997	3,424
Load Management	\$ 17,241	1,083	\$ -	-	\$ 17,241	1,083
Appliance Recycling	\$ 7,133	33,080	\$ -	-	\$ 7,133	33,080
Subtotal	\$ 76,550	93,341	\$ 32,000	177,456	\$ 108,550	270,797
Nonresidential Electric Programs	Expenses	kWh Savings	Expenses	kWh Savings	Expenses	kWh Savings
Equipment	\$ 14,213	192,104	\$ 5,340	50,438	\$ 19,553	242,542 (2)
Audit	\$ 2,174	1,587	\$ -	-	\$ 2,174	1,587
Custom	\$ 16,487	59,210	\$ -	-	\$ 16,487	59,210
Subtotal	\$ 32,874	252,901	\$ 5,340	50,438	\$ 38,214	303,339
Total Electric	\$ 109,424	346,242	\$ 37,340	227,894	\$ 146,764	574,136
Residential Gas Programs	Expenses	Therm Savings	Expenses	Therm Savings	Expenses	Therm Savings
Equipment	\$ 47,158	9,608	\$ 540,000	315,342	\$ 587,158	324,950 (3)
Audit	\$ 304,700	38,904	\$ -	-	\$ 304,700	38,904
Subtotal	\$ 351,858	48,512	\$ 540,000	315,342	\$ 891,858	363,854
Nonresidential Gas Programs	Expenses	Therm Savings	Expenses	Therm Savings	Expenses	Therm Savings
Equipment	\$ 37,152	27,547	\$ 115,500	73,920	\$ 152,652	101,467 (4)
Audit	\$ 44,865	10,308	\$ -	-	\$ 44,865	10,308
Custom	\$ 31,632	13,774	\$ -	-	\$ 31,632	13,774
Subtotal	\$ 113,649	51,629	\$ 115,500	73,920	\$ 229,149	125,549
Total Gas	\$ 465,507	100,141	\$ 655,500	389,262	\$ 1,121,007	489,403

- Note 1 Residential electric equipment proposed increase is for residential Ground Source Heat Pumps.
--- Expected participation of 16 units consistent with 2014 and 2015 estimates.
--- Incentive per installation of \$2,000 consistent with 2014 and 2015.
--- Estimated 11,091 kWh per Ground Source Heat Pump installation consistent with 2014 and 2015 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 1,800 units based on 2015 forecast for year end.
--- Incentive per furnace of \$300 consistent with 2015 rebate level.
--- Estimated 175.19 therm savings per furnace consistent with 2014 and 2015.
- Note 4 Nonresidential gas equipment proposed increase is for furnaces.
--- Increase furnace participation from 26 to 180, a net increase of 154 installations.
--- Increase total furnace savings from 8,752 therms to 86,400 therms assuming 480 therms per furnace consistent with 2014 and 2015 values.
--- Increase total furnace incentives from \$28,233 to \$143,733 with an average estimated rebate of \$750 per furnace consistent with 2015 rebate.