

**MidAmerican Energy Company  
 South Dakota Energy Efficiency  
 2016 Benefit/Cost Statistics - Total (Gas and Electric Non-Curtailment)**

Program	Participant	Ratepayer	Utility	Total	Societal
	Test	Impact		Resource	
Residential Equipment	1.50	0.83	4.66	1.26	1.67
Residential Audit	2.12	0.49	0.99	1.19	1.09
Residential Appliance Recycling	4.61	1.73	5.82	4.58	5.41
Nonresidential Equipment	3.95	1.10	19.72	4.29	6.20
Small Commercial Energy Audit	9.04	0.71	2.68	5.83	3.37
Nonresidential Custom	0.82	0.93	3.77	0.77	1.13
<b>Total</b>	<b>1.85</b>	<b>0.89</b>	<b>5.39</b>	<b>1.64</b>	<b>2.20</b>

**2016 Benefit/Cost Statistics - Total Electric Curtailment**

Program	Participant	Ratepayer	Utility	Total	Societal
	Test	Impact		Resource	
Residential Load Management	1.01	0.22	0.22	0.83	0.81

**MidAmerican Energy Company  
 South Dakota Energy Efficiency  
 2016 Benefit/Cost Statistics - Electric Programs (Non-Curtailment)**

Program	Participant	Ratepayer	Utility	Total	Societal
	Test	Impact	Test	Resource	
Residential Equipment	1.69	0.91	3.20	1.58	1.54
Residential Audit	1.97	0.70	1.40	1.40	1.51
Residential Appliance Recycling	4.61	1.73	5.82	4.58	5.41
Nonresidential Equipment	8.62	1.22	78.30	10.40	15.67
Small Commercial Energy Audit	2.28	0.90	1.44	1.89	1.81
Nonresidential Custom	-	-	-	-	-
<b>Total</b>	<b>3.84</b>	<b>1.14</b>	<b>12.91</b>	<b>4.18</b>	<b>5.73</b>

**2016 Benefit/Cost Statistics - Total Electric Curtailment**

Program	Participant	Ratepayer	Utility	Total	Societal
	Test	Impact	Test	Resource	
Residential Load Management	1.01	0.22	0.22	0.83	0.81

**MidAmerican Energy Company  
 South Dakota Energy Efficiency  
 2016 Benefit/Cost Statistics - Gas Programs**

Program	Participant Test	Ratepayer Impact Test	Utility Test	Total Resource Test	Societal Test
Residential Equipment	1.48	0.82	4.88	1.22	1.69
Residential Audit	2.13	0.49	0.99	1.19	1.08
Nonresidential Equipment	2.28	0.91	8.02	2.09	2.79
Small Commercial Energy Audit	10.14	0.70	2.85	6.41	3.60
Nonresidential Custom	0.82	1.01	5.80	0.83	1.22
<b>Total</b>	<b>1.60</b>	<b>0.81</b>	<b>4.35</b>	<b>1.31</b>	<b>1.74</b>

**MidAmerican Energy Company  
 South Dakota Energy Efficiency  
 2016 Benefit/Cost Input Data - Total (Gas and Electric Non-Curtailment)**

Program	Administrative Costs	Incentives Paid	Incremental Investment	Tax Credits	Bill Savings (NPV - PRT)	Avoided Energy - Capacity Costs (NPV - PRT)	Avoided Energy - Capacity Costs (NPV - SOC)	Non-Energy Benefits (NPV - PRT)	Externalities (NPV-SOC)
Residential Equipment	\$ 24,103	\$ 678,867	\$ 2,837,888	\$ 147,600	\$ 3,258,153	\$ 3,275,509	\$ 4,439,020	\$ 182,453	\$ 342,800
Residential Audit	\$ 36,726	\$ 157,577	\$ 218,455	\$ -	\$ 195,956	\$ 192,535	\$ 257,593	\$ 110,650	\$ 19,424
Residential Appliance Recycling	\$ 1,715	\$ 750	\$ 1,422	\$ -	\$ 5,810	\$ 14,357	\$ 15,431	\$ -	\$ 1,543
Nonresidential Equipment	\$ 4,558	\$ 97,071	\$ 476,469	\$ -	\$ 1,728,503	\$ 2,004,328	\$ 2,731,742	\$ 58,363	\$ 250,259
Small Commercial Energy Audit	\$ 3,564	\$ 9,632	\$ 9,784	\$ -	\$ 36,388	\$ 35,416	\$ 41,832	\$ 42,445	\$ 3,207
Nonresidential Custom	\$ 11,531	\$ 20,337	\$ 144,035	\$ -	\$ 98,042	\$ 120,175	\$ 163,646	\$ -	\$ 12,273
<b>Total</b>	<b>\$ 82,198</b>	<b>\$ 964,233</b>	<b>\$ 3,688,053</b>	<b>\$ 147,600</b>	<b>\$ 5,322,851</b>	<b>\$ 5,642,320</b>	<b>\$ 7,649,264</b>	<b>\$ 393,911</b>	<b>\$ 629,506</b>

**MidAmerican Energy Company  
 South Dakota Energy Efficiency  
 2016 Benefit/Cost Input Data - Electric Programs (Non-Curtailment)**

Program	Administrative Costs	Incentives Paid	Incremental Investment	Tax Credits	Bill Savings (NPV - PRT)	Avoided Energy - Capacity Costs (NPV - PRT)	Avoided Energy - Capacity Costs (NPV - SOC)	Non-Energy Benefits (NPV - PRT)	Externalities (NPV-SOC)
Residential Equipment	\$ 4,165	\$ 88,662	\$ 277,997	\$ 147,600	\$ 233,634	\$ 297,443	\$ 394,942	\$ 1,073	\$ 39,494
Residential Audit	\$ 378	\$ 1,962	\$ 2,648	\$ -	\$ 2,303	\$ 3,273	\$ 4,166	\$ 949	\$ 417
Residential Appliance Recycling	\$ 1,715	\$ 750	\$ 1,422	\$ -	\$ 5,810	\$ 14,357	\$ 15,431	\$ -	\$ 1,543
Nonresidential Equipment	\$ 1,471	\$ 15,454	\$ 125,959	\$ -	\$ 1,070,580	\$ 1,325,180	\$ 1,815,120	\$ -	\$ 181,512
Small Commercial Energy Audit	\$ 325	\$ 1,217	\$ 1,369	\$ -	\$ 928	\$ 2,218	\$ 2,786	\$ 978	\$ 279
Nonresidential Custom	\$ 11,160	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 19,214</b>	<b>\$ 108,045</b>	<b>\$ 409,395</b>	<b>\$ 147,600</b>	<b>\$ 1,313,255</b>	<b>\$ 1,642,471</b>	<b>\$ 2,232,444</b>	<b>\$ 3,000</b>	<b>\$ 223,244</b>

**MidAmerican Energy Company  
 South Dakota Energy Efficiency  
 2016 Benefit/Cost Input Data - Gas Programs**

Program	Administrative Costs	Incentives Paid	Incremental Investment	Tax Credits	Bill Savings (NPV - PRT)	Avoided Energy - Capacity Costs (NPV - PRT)	Avoided Energy - Capacity Costs (NPV - SOC)	Non-Energy Benefits (NPV - PRT)	Externalities (NPV-SOC)
Residential Equipment	\$ 19,938	\$ 590,205	\$ 2,559,891	\$ -	\$ 3,024,519	\$ 2,978,066	\$ 4,044,078	\$ 181,379	\$ 303,306
Residential Audit	\$ 36,349	\$ 155,614	\$ 215,807	\$ -	\$ 193,652	\$ 189,262	\$ 253,427	\$ 109,702	\$ 19,007
Nonresidential Equipment	\$ 3,087	\$ 81,618	\$ 350,510	\$ -	\$ 657,923	\$ 679,148	\$ 916,621	\$ 58,363	\$ 68,747
Small Commercial Energy Audit	\$ 3,239	\$ 8,415	\$ 8,415	\$ -	\$ 35,460	\$ 33,198	\$ 39,047	\$ 41,467	\$ 2,928
Nonresidential Custom	\$ 371	\$ 20,337	\$ 144,035	\$ -	\$ 98,042	\$ 120,175	\$ 163,646	\$ -	\$ 12,273
<b>Total</b>	<b>\$ 62,984</b>	<b>\$ 856,189</b>	<b>\$ 3,278,658</b>	<b>\$ -</b>	<b>\$ 4,009,596</b>	<b>\$ 3,999,849</b>	<b>\$ 5,416,819</b>	<b>\$ 390,911</b>	<b>\$ 406,261</b>