

South Dakota Renewable and Recycled Energy Objective

2011 Annual Report MidAmerican Energy Company

MidAmerican Energy Company files the following report in compliance with SDCL 49-34A-105 covering the twelve-month period ending on December 31, 2011. The attached spreadsheet provides the following information:

- Retail Sales (MWh) - Total & SD-based
- Generation Capacity Owned (MW) - Total & SD-based by technology
- Renewable Generation Capacity Owned (MW) - Total & SD-based by technology
- Renewable Generation with RECs retired for SD (MWh) - Total & SD-based by technology
- Renewable Generation with RECs retired for other states/purposes (MWh) - Total & SD-based by technology
- Conserved Energy (MWh) and Capacity (MW)

Brief Narrative Report Describing Steps Taken and Challenges or Barriers

MidAmerican Energy currently is the nation's leader in owned wind generation by a rate-regulated utility and continues to take steps to increase the amount of renewable energy generation capacity in its generation portfolio. In 2011, MidAmerican Energy placed 594 megawatts of wind-powered generation in service. Construction activities are currently underway to build an additional 407 megawatts of wind-powered generation in Iowa. When the 2012 wind projects are complete, MidAmerican Energy will have 2,284.8 megawatts of owned wind generation and 109 megawatts of contracted wind capacity, with approximately 30 percent of MidAmerican Energy's total owned and contracted generation capacity powered by wind. Production tax credits and the sale of renewable energy credits both help to promote the further development of renewable projects.

MidAmerican Energy began offering energy efficiency programs to South Dakota customers on May 1, 2009. MidAmerican Energy offers a variety of energy efficiency programs aimed at helping residential, commercial and industrial customers reduce energy use and save money. In 2011, the South Dakota programs incited customers to make energy efficiency investments that are expected to save approximately 378,000 kilowatt-hours of electricity and 224,000 therms of natural gas per year.

MidAmerican Energy has not completed an energy efficiency impact evaluation as of July 1, 2012, but expects to complete such an evaluation by the end of 2012. Total

kilowatt-hour and therm savings by energy efficiency measure, along with spending by measure for 2011, were provided in Exhibit A of MidAmerican Energy's 2011 South Dakota energy efficiency annual report. All savings figures provided in Exhibit A are determined through a deemed savings approach and are either calculated through a savings algorithm or are assumed at a constant level of savings.

In general, algorithms are used for the following measures:

- Air conditioners
- Heat pumps
- Furnace fans
- Water heaters
- Boilers
- Furnaces
- Insulation
- Lighting

In these cases, algorithms are used where it is known that certain measurable characteristics of each piece of equipment (efficiency rating, size of unit, wattage rating of lamps, square foot and R-value of insulation) will affect the level of savings.

Deemed savings are generally used for:

- Aerators
- Showerheads
- Water pipe insulation
- Programmable thermostats
- Water heater blankets
- Low flow sprayers

In these cases, deemed savings values are used because measurable information on the specific characteristics of each piece of equipment and how that equipment is used is not available. Therefore, general accepted savings levels (to be verified in a formal impact evaluation) are used.

Please provide a value in each of the boxes below with an "X" in it.

Company:
MidAmerican Energy Company

Calendar Year 2011 RREO Report	Value	Comments
Retail Sales		
Total - All States (MWh)	21,876,371	
SD (MWh)	209,560	
Generation Capacity Owned		
Total - All States (MW)	7,609	12/31/11 nameplate rating per FERC Form 1
SD (MW)	64	Allocated 0.84%
Renewable Generation Capacity Owned		
Total - All States (MW)		
Wind	1,878	
Solar	-	
New Hydro	-	
Old Hydro	4	
Hydrogen	-	
Biomass	-	
Geothermal	-	
Recycled	-	
Total - All States (MW)	1,882	
SD (MW)		
Wind	16	
Solar	-	
New Hydro	-	
Old Hydro	-	
Hydrogen	-	
Biomass	-	
Geothermal	-	
Recycled	-	
Total SD (MW)	16	
Renewable Energy Credits Retired for SD		
Total - Generated In All States (MWh)		
Wind	1,772	
Solar	-	
New Hydro	-	
Old Hydro	48	
Hydrogen	-	
Biomass	241	
Geothermal	-	
Recycled	-	
Total - All States (MWh)	2,061	
Generated in SD (MWh)		
Wind	-	
Solar	-	
New Hydro	-	
Old Hydro	-	
Hydrogen	-	
Biomass	-	
Geothermal	-	
Recycled	-	
Total SD (MWh)	-	
Renewable Energy Credits Retired for Other States		
Total - Generated In All States (MWh)		
Wind	469,603	Total retired for all states including South Dakota
Solar	-	
New Hydro	-	
Old Hydro	5,694	Total retired for all states including South Dakota
Hydrogen	-	
Biomass	88,184	Total retired for all states including South Dakota
Geothermal	-	
Recycled	-	
Total - All States (MWh)	563,481	Total retired for all states including South Dakota
Generated In SD (MWh)		
Wind	-	
Solar	-	
New Hydro	-	
Old Hydro	-	
Hydrogen	-	
Biomass	-	
Geothermal	-	
Recycled	-	
Total SD (MWh)	-	
Conserved Energy & Capacity		
Conserved Energy (MWh)		
Total - All States	1,663,581	Per EIA-861 (Annual Effects)
SD	1,172	Per EIA-861 (Annual Effects)
Conserved Capacity (MW)		
Total - All States	738	Per EIA-861 (Annual Effects)
SD	-	

Technology

Definition*

Wind

Wind that uses wind as the source of energy to produce electricity

Solar

Solar that uses the sun as the source of energy to produce electricity

Hydro

Hydroelectric that uses water as the source of energy to produce electricity

New Hydro

Facilities with an inservice date of July 1, 2008 or after

Old Hydro

Facilities with an inservice date before July 1, 2008

Hydrogen

Hydrogen that is generated from one of the sources listed in this section

Biomass

Biomass that uses agricultural crops and agricultural wastes and residues, wood and wood wastes and residues, animal and other degradable organic wastes, municipal solid waste, or landfill gas as the fuel to produce electricity

Geothermal

Geothermal that uses energy contained in heat that continuously flows outward from the earth as the source of energy to produce electricity

Recycled

Recycled energy systems that produce electricity from currently unused waste heat resulting from combustion or other processes and which do not use an additional combustion process. The term does not include any system whose primary purpose is the generation of electricity

*Per SDCL 49-41B-94 and SDCL 49-41B-103