



Independent Statistics & Analysis
U.S. Energy Information
Administration

State Renewable Electricity Profiles 2010

March 2012



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Preface

The State Renewable Electricity Profiles 2010 present a summary of current and recent historical data for the renewable electric power industry. Presented are net summer capacity and net generation data for each type of renewable generator, as well as fossil-fired and nuclear power plant types, for the period 2006 through 2010.

The objective of this set of profiles is to provide a concise overview of the renewable electric power industry in each state.

Data in this report are compiled from surveys filed by electric utilities and other electric power producers. It is prepared by the Office of Electricity, Renewables, and Uranium Statistics; Office of Energy Statistics; U.S. Energy Information Administration (EIA); U.S. Department of Energy.

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Alabama

Table 1. Summary renewable electric power industry statistics (2010)

Alabama

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	32,417	100.0
Total Net Summer Renewable Capacity	3,855	11.9
Geothermal	-	-
Hydro Conventional	3,272	10.1
Solar	-	-
Wind	-	-
Wood/Wood Waste	583	1.8
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	152,151	100.0
Total Renewable Net Generation	11,081	7.3
Geothermal	-	-
Hydro Conventional	8,704	5.7
Solar	-	-
Wind	-	-
Wood/Wood Waste	2,365	1.6
MSW Biogenic/Landfill Gas	-	-
Other Biomass	12	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatt)

Alabama

Energy Source	2006	2007	2008	2009	2010
Fossil	21,804	21,784	22,372	22,540	23,519
Coal	11,557	11,544	11,506	11,486	11,441
Petroleum	43	43	43	43	43
Natural Gas	10,104	10,098	10,724	10,912	11,936
Other Gases	100	100	100	100	100
Nuclear	5,008	4,985	4,985	4,985	5,043
Renewables	3,852	3,846	3,865	3,863	3,855
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	30,664	30,614	31,222	31,389	32,417

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatt)

Alabama

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	3,271	3,272	3,272	3,272	3,272
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	581	574	593	591	583
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	3,852	3,846	3,865	3,863	3,855

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Alabama

Energy Source	2006	2007	2008	2009	2010
Fossil	97,827	101,561	97,376	87,580	102,762
Coal	78,109	77,994	74,605	55,609	63,050
Petroleum	180	157	204	219	200
Natural Gas	19,407	23,232	22,363	31,617	39,235
Other Gases	131	178	204	135	277
Nuclear	31,911	34,325	38,993	39,716	37,941
Renewables	11,136	7,937	9,493	15,585	11,081
Pumped Storage	-	-	-	-	-
Other	21	4	8	374	366
Total	140,895	143,826	145,870	143,256	152,151

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Alabama

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	7,252	4,136	6,136	12,535	8,704
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	3,865	3,784	3,324	3,035	2,365
MSW Biogenic/Landfill Gas	4	4	-	-	-
Other Biomass	16	13	34	14	12
Total	11,136	7,937	9,493	15,585	11,081

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Alaska

Table 1. Summary renewable electric power industry statistics (2010)

Alaska

Primary Renewable Energy Capacity Source	Hydro Conventional		
Primary Renewable Energy Generation Source	Hydro Conventional		
Capacity (megawatts)	Value	Percent of State Total	
Total Net Summer Electricity Capacity	2,067	100.0	
Total Net Summer Renewable Capacity	422	20.4	
Geothermal	-	-	
Hydro Conventional	414	20.1	
Solar	-	-	
Wind	7	0.4	
Wood/Wood Waste	-	-	
MSW/Landfill Gas	-	-	
Other Biomass	-	-	
Generation (thousand megawatthours)			
Total Electricity Net Generation	6,760	100.0	
Total Renewable Net Generation	1,452	21.5	
Geothermal	-	-	
Hydro Conventional	1,433	21.2	
Solar	-	-	
Wind	13	0.2	
Wood/Wood Waste	-	-	
MSW Biogenic/Landfill Gas	-	-	
Other Biomass	6	0.1	

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatt)

Alaska

Energy Source	2006	2007	2008	2009	2010
Fossil	1,485	1,561	1,593	1,591	1,618
Coal	105	105	112	111	111
Petroleum	575	622	643	644	663
Natural Gas	805	834	838	836	845
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	400	400	403	422	422
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	27
Total	1,884	1,961	1,995	2,012	2,067

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatt)

Alaska

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	397	397	400	414	414
Solar	-	-	-	-	-
Wind	3	3	3	7	7
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	400	400	403	422	422

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Alaska

Energy Source	2006	2007	2008	2009	2010
Fossil	5,443	5,519	5,598	5,365	5,308
Coal	617	641	618	631	620
Petroleum	768	1,010	978	1,157	937
Natural Gas	4,058	3,868	4,002	3,577	3,750
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,231	1,302	1,177	1,337	1,452
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	6,674	6,821	6,775	6,702	6,760

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Alaska

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,224	1,291	1,172	1,324	1,433
Solar	-	-	-	-	-
Wind	1	1	s	7	13
Wood/Wood Waste	1	s	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	6	10	5	7	6
Total	1,231	1,302	1,177	1,337	1,452

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Arizona

Table 1. Summary renewable electric power industry statistics (2010)

Arizona

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	26,392	100.0
Total Net Summer Renewable Capacity	2,901	11.0
Geothermal	-	-
Hydro Conventional	2,720	10.3
Solar	20	0.1
Wind	128	0.5
Wood/Wood Waste	29	0.1
MSW/Landfill Gas	4	*
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	111,751	100.0
Total Renewable Net Generation	6,941	6.2
Geothermal	-	-
Hydro Conventional	6,622	5.9
Solar	16	*
Wind	135	0.1
Wood/Wood Waste	140	0.1
MSW Biogenic/Landfill Gas	24	*
Other Biomass	4	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2006 – 2010
(megawatts)

Arizona

Energy Source	2006	2007	2008	2009	2010
Fossil	18,784	18,756	18,942	19,351	19,338
Coal	5,830	5,818	5,818	6,227	6,233
Petroleum	90	93	93	93	93
Natural Gas	12,864	12,845	13,031	13,031	13,012
Other Gases	-	-	-	-	-
Nuclear	3,872	3,872	3,942	3,942	3,937
Renewables	2,736	2,736	2,762	2,826	2,901
Pumped Storage	216	216	216	216	216
Other	-	-	-	-	-
Total	25,608	25,579	25,861	26,335	26,392

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Arizona

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	2,720	2,720	2,720	2,720	2,720
Solar	9	9	9	11	20
Wind	-	-	-	63	128
Wood/Wood Waste	3	3	29	29	29
MSW/Landfill Gas	4	4	4	4	4
Other Biomass	-	-	-	-	-
Total	2,736	2,736	2,762	2,826	2,901

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Arizona

Energy Source	2006	2007	2008	2009	2010
Fossil	73,385	79,794	82,715	74,509	73,386
Coal	40,443	41,275	43,840	39,707	43,644
Petroleum	73	49	52	63	66
Natural Gas	32,869	38,469	38,822	34,739	29,676
Other Gases	-	-	-	-	-
Nuclear	24,012	26,782	29,250	30,662	31,200
Renewables	6,846	6,639	7,400	6,630	6,941
Pumped Storage	149	125	95	169	209
Other	-	-	-	2	15
Total	104,393	113,341	119,459	111,971	111,751

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Arizona

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	6,793	6,598	7,286	6,427	6,622
Solar	13	9	15	14	16
Wind	-	-	-	30	135
Wood/Wood Waste	8	-	76	137	140
MSW Biogenic/Landfill Gas	28	29	19	18	24
Other Biomass	4	4	4	4	4
Total	6,846	6,639	7,400	6,630	6,941

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Arkansas

Table 1. Summary renewable electric power industry statistics (2010)

Arkansas

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	15,981	100.0
Total Net Summer Renewable Capacity	1,667	10.4
Geothermal	-	-
Hydro Conventional	1,341	8.4
Solar	-	-
Wind	-	-
Wood/Wood Waste	312	2.0
MSW/Landfill Gas	9	0.1
Other Biomass	6	*
Generation (thousand megawatthours)		
Total Electricity Net Generation	61,000	100.0
Total Renewable Net Generation	5,283	8.7
Geothermal	-	-
Hydro Conventional	3,659	6.0
Solar	-	-
Wind	-	-
Wood/Wood Waste	1,567	2.6
MSW Biogenic/Landfill Gas	38	0.1
Other Biomass	19	*

* = Absolute percentage less than 0.05.
 - = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Arkansas

Energy Source	2006	2007	2008	2009	2010
Fossil	10,965	11,807	11,756	11,753	12,451
Coal	3,846	3,846	3,861	3,864	4,535
Petroleum	23	22	22	22	22
Natural Gas	7,096	7,939	7,873	7,867	7,894
Other Gases	-	-	-	-	-
Nuclear	1,824	1,838	1,839	1,835	1,835
Renewables	1,691	1,623	1,643	1,659	1,667
Pumped Storage	28	28	28	28	28
Other	-	-	-	-	-
Total	14,507	15,296	15,266	15,275	15,981

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Arkansas

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,389	1,321	1,321	1,337	1,341
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	292	292	312	312	312
MSW/Landfill Gas	5	5	5	5	9
Other Biomass	6	6	5	6	6
Total	1,691	1,623	1,643	1,659	1,667

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Arkansas

Energy Source	2006	2007	2008	2009	2010
Fossil	33,626	34,203	34,639	36,385	40,667
Coal	24,183	25,744	26,115	25,075	28,152
Petroleum	161	94	64	88	45
Natural Gas	9,282	8,364	8,461	11,221	12,469
Other Gases	-	-	-	-	-
Nuclear	15,233	15,486	14,168	15,170	15,023
Renewables	3,273	4,860	6,173	5,778	5,283
Pumped Storage	15	30	48	100	-1
Other	22	17	22	24	28
Total	52,169	54,596	55,051	57,458	61,000

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Arkansas

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,551	3,237	4,660	4,193	3,659
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,689	1,581	1,466	1,529	1,567
MSW Biogenic/Landfill Gas	7	33	36	34	38
Other Biomass	26	10	11	23	19
Total	3,273	4,860	6,173	5,778	5,283

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

California

Table 1. Summary renewable electric power industry statistics (2010)

California

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	67,328	100.0
Total Net Summer Renewable Capacity	16,460	24.4
Geothermal	2,004	3.0
Hydro Conventional	10,141	15.1
Solar	475	0.7
Wind	2,812	4.2
Wood/Wood Waste	639	0.9
MSW/Landfill Gas	292	0.4
Other Biomass	97	0.1

Generation (thousand megawatthours)

Total Electricity Net Generation	204,126	100.0
Total Renewable Net Generation	58,881	28.8
Geothermal	12,600	6.2
Hydro Conventional	33,431	16.4
Solar	769	0.4
Wind	6,079	3.0
Wood/Wood Waste	3,551	1.7
MSW Biogenic/Landfill Gas	1,812	0.9
Other Biomass	639	0.3

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

California

Energy Source	2006	2007	2008	2009	2010
Fossil	39,351	39,961	39,950	41,443	42,654
Coal	389	389	367	367	374
Petroleum	789	754	752	734	701
Natural Gas	38,001	38,556	38,635	40,146	41,370
Other Gases	171	262	197	197	209
Nuclear	4,390	4,390	4,390	4,390	4,390
Renewables	15,776	15,774	15,945	16,295	16,460
Pumped Storage	3,688	3,688	3,813	3,813	3,813
Other	8	-	7	7	11
Total	63,213	63,813	64,105	65,948	67,328

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

California

Energy Source	2006	2007	2008	2009	2010
Geothermal	2,032	1,940	1,940	2,004	2,004
Hydro Conventional	10,083	10,041	10,122	10,144	10,141
Solar	402	404	416	450	475
Wind	2,255	2,312	2,368	2,650	2,812
Wood/Wood Waste	584	596	616	646	639
MSW/Landfill Gas	275	380	374	306	292
Other Biomass	145	102	109	96	97
Total	15,776	15,774	15,945	16,295	16,460

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

California

Energy Source	2006	2007	2008	2009	2010
Fossil	112,317	122,151	125,699	118,679	112,376
Coal	2,235	2,298	2,280	2,050	2,100
Petroleum	2,368	2,334	1,742	1,543	1,059
Natural Gas	105,691	115,700	119,992	113,463	107,522
Other Gases	2,022	1,818	1,685	1,623	1,695
Nuclear	31,959	35,792	32,482	31,764	32,201
Renewables	71,963	52,173	48,912	53,428	58,881
Pumped Storage	96	310	321	153	-171
Other	464	421	570	753	839
Total	216,799	210,848	207,984	204,776	204,126

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

California

Energy Source	2006	2007	2008	2009	2010
Geothermal	12,821	12,991	12,883	12,853	12,600
Hydro Conventional	48,047	27,328	24,128	27,888	33,431
Solar	495	557	670	647	769
Wind	4,883	5,585	5,385	5,840	6,079
Wood/Wood Waste	3,422	3,407	3,484	3,732	3,551
MSW Biogenic/Landfill Gas	1,685	1,657	1,717	1,842	1,812
Other Biomass	610	648	645	626	639
Total	71,963	52,173	48,912	53,428	58,881

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Colorado

Table 1. Summary renewable electric power industry statistics (2010)

Colorado		
Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	13,777	100.0
Total Net Summer Renewable Capacity	2,010	14.6
Geothermal	-	-
Hydro Conventional	662	4.8
Solar	41	0.3
Wind	1,294	9.4
Wood/Wood Waste	-	-
MSW/Landfill Gas	3	*
Other Biomass	10	0.1
Generation (thousand megawatthours)		
Total Electricity Net Generation	50,721	100.0
Total Renewable Net Generation	5,133	10.1
Geothermal	-	-
Hydro Conventional	1,578	3.1
Solar	42	0.1
Wind	3,452	6.8
Wood/Wood Waste	2	*
MSW Biogenic/Landfill Gas	20	*
Other Biomass	38	0.1

* = Absolute percentage less than 0.05.
 - = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Colorado

Energy Source	2006	2007	2008	2009	2010
Fossil	9,644	9,979	10,229	10,545	11,204
Coal	4,939	4,961	4,965	5,010	5,702
Petroleum	181	182	184	178	178
Natural Gas	4,523	4,836	5,080	5,357	5,325
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	950	1,746	1,753	1,931	2,010
Pumped Storage	563	563	563	563	563
Other	-	-	-	-	-
Total	11,156	12,288	12,545	13,038	13,777

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Colorado

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	652	665	666	666	662
Solar	-	8	11	14	41
Wind	289	1,063	1,063	1,238	1,294
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	3	3	3
Other Biomass	10	10	10	10	10
Total	950	1,746	1,753	1,931	2,010

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Colorado

Energy Source	2006	2007	2008	2009	2010
Fossil	48,211	50,980	48,334	45,490	45,639
Coal	36,269	35,936	34,828	31,636	34,559
Petroleum	21	28	19	13	17
Natural Gas	11,919	15,014	13,487	13,840	11,062
Other Gases	3	2	-	-	-
Nuclear	-	-	-	-	-
Renewables	2,687	3,054	5,324	5,132	5,133
Pumped Storage	-201	-168	-249	-109	-121
Other	-	41	33	53	70
Total	50,698	53,907	53,442	50,566	50,721

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Colorado

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,791	1,730	2,039	1,886	1,578
Solar	-	2	18	26	42
Wind	866	1,292	3,221	3,164	3,452
Wood/Wood Waste	-	-	s	s	2
MSW Biogenic/Landfill Gas	-	-	8	17	20
Other Biomass	31	31	37	39	38
Total	2,687	3,054	5,324	5,132	5,133

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Connecticut

Table 1. Summary renewable electric power industry statistics (2010)

Connecticut

Primary Renewable Energy Capacity Source	Municipal Solid Waste/Landfill Gas
Primary Renewable Energy Generation Source	Municipal Solid Waste/Landfill Gas

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	8,284	100.0
Total Net Summer Renewable Capacity	281	3.4
Geothermal	-	-
Hydro Conventional	122	1.5
Solar	-	-
Wind	-	-
Wood/Wood Waste	-	-
MSW/Landfill Gas	159	1.9
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	33,350	100.0
Total Renewable Net Generation	1,130	3.4
Geothermal	-	-
Hydro Conventional	391	1.2
Solar	-	-
Wind	-	-
Wood/Wood Waste	s	*
MSW Biogenic/Landfill Gas	739	2.2
Other Biomass	-	-

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Connecticut

Energy Source	2006	2007	2008	2009	2010
Fossil	5,498	5,361	5,466	5,582	5,845
Coal	551	551	553	564	564
Petroleum	2,926	2,709	2,741	2,749	2,989
Natural Gas	2,020	2,100	2,171	2,268	2,292
Other Gases	-	-	-	-	-
Nuclear	2,037	2,022	2,015	2,103	2,103
Renewables	316	285	287	287	281
Pumped Storage	4	29	29	29	29
Other	27	27	27	27	27
Total	7,882	7,725	7,824	8,028	8,284

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, energy source, 2006 – 2010
(megawatts)

Connecticut

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	147	122	122	122	122
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	170	163	166	166	159
Other Biomass	-	-	-	-	-
Total	316	285	287	287	281

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Connecticut

Energy Source	2006	2007	2008	2009	2010
Fossil	16,046	14,982	12,970	12,562	14,743
Coal	4,282	3,739	4,387	2,453	2,604
Petroleum	1,279	1,311	514	299	409
Natural Gas	10,484	9,930	8,070	9,809	11,716
Other Gases	2	2	-	-	14
Nuclear	16,589	16,386	15,433	16,657	16,750
Renewables	1,307	1,093	1,290	1,268	1,130
Pumped Storage	-	-15	7	5	9
Other	739	726	710	713	717
Total	34,682	33,171	30,409	31,206	33,350

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Connecticut

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	544	363	556	510	391
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	9	2	2	1	s
MSW Biogenic/Landfill Gas	755	728	732	758	739
Other Biomass	-	-	-	-	-
Total	1,307	1,093	1,290	1,268	1,130

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Delaware

Table 1. Summary renewable electric power industry statistics (2010)

Delaware

Primary Renewable Energy Capacity Source	Municipal Solid Waste/Landfill Gas
Primary Renewable Energy Generation Source	Municipal Solid Waste/Landfill Gas

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	3,389	100.0
Total Net Summer Renewable Capacity	10	0.3
Geothermal	-	-
Hydro Conventional	-	-
Solar	-	-
Wind	2	0.1
Wood/Wood Waste	-	-
MSW/Landfill Gas	8	0.2
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	5,628	100.0
Total Renewable Net Generation	138	2.5
Geothermal	-	-
Hydro Conventional	-	-
Solar	-	-
Wind	3	*
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	136	2.4
Other Biomass	-	0.0

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Delaware

Energy Source	2006	2007	2008	2009	2010
Fossil	3,367	3,350	3,344	3,355	3,379
Coal	1,083	1,083	1,083	1,074	1,054
Petroleum	695	698	557	557	563
Natural Gas	1,282	1,262	1,397	1,417	1,455
Other Gases	307	307	307	307	307
Nuclear	-	-	-	-	-
Renewables	7	7	7	7	10
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	3,374	3,357	3,351	3,362	3,389

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Delaware

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	-	-	-	-	-
Solar	-	-	-	-	-
Wind	-	-	-	-	2
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	7	7	7	7	8
Other Biomass	-	-	-	-	-
Total	7	7	7	7	10

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Delaware

Energy Source	2006	2007	2008	2009	2010
Fossil	7,182	8,486	7,350	4,710	5,489
Coal	4,969	5,622	5,267	2,848	2,568
Petroleum	132	241	219	258	56
Natural Gas	1,171	1,902	1,387	1,376	2,865
Other Gases	910	721	476	227	-
Nuclear	-	-	-	-	-
Renewables	s	48	163	126	138
Pumped Storage	-	-	-	-	-
Other	-	-	11	6	-
Total	7,182	8,534	7,524	4,842	5,628

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Delaware

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	-	-	-	-	-
Solar	-	-	-	-	-
Wind	-	-	-	-	3
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	s	48	163	126	138
Other Biomass	-	-	-	-	-
Total	s	48	163	126	138

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

District of Columbia

Table 1. Summary renewable electric power industry statistics (2010)

District of Columbia

Primary Renewable Energy Capacity Source	-	
Primary Renewable Energy Generation Source	-	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	790	100.0
Total Net Summer Renewable Capacity	-	-
Geothermal	-	-
Hydro Conventional	-	-
Solar	-	-
Wind	-	-
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	200	100.0
Total Renewable Net Generation	-	-
Geothermal	-	-
Hydro Conventional	-	-
Solar	-	-
Wind	-	-
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	-	-
Other Biomass	-	-

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

District of Columbia

Energy Source	2006	2007	2008	2009	2010
Fossil	806	806	790	790	790
Coal	-	-	-	-	-
Petroleum	806	806	790	790	790
Natural Gas	-	-	-	-	-
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	-	-	-	-	-
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	806	806	790	790	790

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

District of Columbia

Energy Source	2006	2007	2008	2009	2010
Fossil	81	75	72	35	200
Coal	-	-	-	-	-
Petroleum	81	75	72	35	200
Natural Gas	-	-	-	-	-
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	-	-	-	-	-
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	81	75	72	35	200

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Florida

Table 1. Summary renewable electric power industry statistics (2010)

Florida

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	59,222	100.0
Total Net Summer Renewable Capacity	1,182	2.0
Geothermal	-	-
Hydro Conventional	55	0.1
Solar	123	0.2
Wind	-	-
Wood/Wood Waste	344	0.6
MSW/Landfill Gas	491	0.8
Other Biomass	171	0.3
Generation (thousand megawatthours)		
Total Electricity Net Generation	229,096	100.0
Total Renewable Net Generation	4,664	2.0
Geothermal	-	-
Hydro Conventional	177	0.1
Solar	80	*
Wind	-	-
Wood/Wood Waste	2,019	0.9
MSW Biogenic/Landfill Gas	1,846	0.8
Other Biomass	542	0.2

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Florida

Energy Source	2006	2007	2008	2009	2010
Fossil	48,044	50,280	50,166	53,733	53,791
Coal	10,333	10,297	10,265	10,261	9,975
Petroleum	11,677	11,671	13,128	12,602	12,033
Natural Gas	26,035	28,312	26,773	30,870	31,563
Other Gases	-	-	-	-	220
Nuclear	3,902	3,902	3,924	3,924	3,924
Renewables	1,008	1,048	1,046	1,093	1,182
Pumped Storage	-	-	-	-	-
Other	251	222	324	324	324
Total	53,206	55,451	55,460	59,073	59,222

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Florida

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	55	55	55	55	55
Solar	-	-	-	25	123
Wind	-	-	-	-	-
Wood/Wood Waste	343	354	351	351	344
MSW/Landfill Gas	447	463	470	492	491
Other Biomass	163	176	171	171	171
Total	1,008	1,048	1,046	1,093	1,182

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Florida

Energy Source	2006	2007	2008	2009	2010
Fossil	184,530	188,433	180,167	181,553	197,662
Coal	65,423	67,908	64,823	54,003	59,897
Petroleum	22,904	20,203	11,971	9,221	9,122
Natural Gas	96,186	100,307	103,363	118,322	128,634
Other Gases	17	15	10	7	8
Nuclear	31,426	29,289	32,133	29,118	23,936
Renewables	4,534	4,457	4,509	4,549	4,664
Pumped Storage	-	-	-	-	-
Other	3,261	3,236	2,827	2,733	2,834
Total	223,752	225,416	219,637	217,952	229,096

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Florida

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	203	154	206	208	177
Solar	-	-	-	9	80
Wind	-	-	-	-	-
Wood/Wood Waste	1,979	1,930	1,969	1,954	2,019
MSW Biogenic/Landfill Gas	1,825	1,794	1,726	1,846	1,846
Other Biomass	526	579	608	530	542
Total	4,534	4,457	4,509	4,549	4,664

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Georgia

Table 1. Summary renewable electric power industry statistics (2010)

Georgia

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	36,636	100.0
Total Net Summer Renewable Capacity	2,689	7.3
Geothermal	-	-
Hydro Conventional	2,052	5.6
Solar	-	-
Wind	-	-
Wood/Wood Waste	617	1.7
MSW/Landfill Gas	17	*
Other Biomass	4	*

Generation (thousand megawatthours)

Total Electricity Net Generation	137,577	100.0
Total Renewable Net Generation	6,502	4.7
Geothermal	-	-
Hydro Conventional	3,322	2.4
Solar	-	-
Wind	-	-
Wood/Wood Waste	3,054	2.2
MSW Biogenic/Landfill Gas	83	0.1
Other Biomass	44	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Georgia

Energy Source	2006	2007	2008	2009	2010
Fossil	28,238	28,096	28,078	28,103	28,087
Coal	13,438	13,275	13,256	13,211	13,230
Petroleum	2,182	2,169	2,187	2,188	2,189
Natural Gas	12,618	12,652	12,635	12,705	12,668
Other Gases	-	-	-	-	-
Nuclear	4,060	3,995	4,061	4,061	4,061
Renewables	2,526	2,706	2,642	2,648	2,689
Pumped Storage	1,675	1,675	1,675	1,737	1,800
Other	-	-	-	-	-
Total	36,499	36,472	36,456	36,549	36,636

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Georgia

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	2,027	2,032	2,041	2,046	2,052
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	450	621	591	587	617
MSW/Landfill Gas	5	10	10	15	17
Other Biomass	44	44	-	-	4
Total	2,526	2,706	2,642	2,648	2,689

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Georgia

Energy Source	2006	2007	2008	2009	2010
Fossil	100,299	107,165	99,661	90,634	97,823
Coal	86,504	90,298	85,491	69,478	73,298
Petroleum	834	788	742	650	641
Natural Gas	12,961	16,079	13,428	20,506	23,884
Other Gases	-	-	-	-	-
Nuclear	32,006	32,545	31,691	31,683	33,512
Renewables	5,988	5,652	4,927	6,085	6,502
Pumped Storage	-400	-322	-157	272	-278
Other	118	115	51	25	18
Total	138,010	145,155	136,173	128,698	137,577

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Georgia

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	2,569	2,236	2,145	3,260	3,322
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	3,362	3,362	2,660	2,746	3,054
MSW Biogenic/Landfill Gas	25	16	31	51	83
Other Biomass	32	37	90	29	44
Total	5,988	5,652	4,927	6,085	6,502

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Hawaii

Table 1. Summary renewable electric power industry statistics (2010)

Hawaii		
Primary Renewable Energy Capacity Source	Other Biomass	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	2,536	100.0
Total Net Summer Renewable Capacity	340	13.4
Geothermal	31	1.2
Hydro Conventional	24	0.9
Solar	2	0.1
Wind	62	2.4
Wood/Wood Waste	-	-
MSW/Landfill Gas	60	2.4
Other Biomass	162	6.4
Generation (thousand megawatthours)		
Total Electricity Net Generation	10,836	100.0
Total Renewable Net Generation	817	7.5
Geothermal	201	1.9
Hydro Conventional	70	0.6
Solar	2	*
Wind	261	2.4
Wood/Wood Waste	s	*
MSW Biogenic/Landfill Gas	174	1.6
Other Biomass	109	1.0

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Hawaii

Energy Source	2006	2007	2008	2009	2010
Fossil	2,208	2,209	2,208	2,223	2,196
Coal	180	180	180	180	180
Petroleum	2,019	2,020	2,019	2,034	2,007
Natural Gas	-	-	-	-	-
Other Gases	9	9	9	9	9
Nuclear	-	-	-	-	-
Renewables	206	227	228	341	340
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	2,414	2,436	2,437	2,565	2,536

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Hawaii

Energy Source	2006	2007	2008	2009	2010
Geothermal	31	31	31	31	31
Hydro Conventional	24	24	24	24	24
Solar	-	-	1	1	2
Wind	43	64	64	64	62
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	60	60	60	60	60
Other Biomass	49	49	49	162	162
Total	206	227	228	341	340

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Hawaii

Energy Source	2006	2007	2008	2009	2010
Fossil	10,646	10,538	10,356	9,812	9,655
Coal	1,549	1,579	1,648	1,500	1,546
Petroleum	9,054	8,914	8,670	8,289	8,087
Natural Gas	-	-	-	-	-
Other Gases	43	45	39	22	22
Nuclear	-	-	-	-	-
Renewables	738	846	861	817	817
Pumped Storage	-	-	-	-	-
Other	176	149	159	381	364
Total	11,559	11,533	11,376	11,011	10,836

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Hawaii

Energy Source	2006	2007	2008	2009	2010
Geothermal	212	230	234	168	201
Hydro Conventional	120	92	84	113	70
Solar	-	-	s	1	2
Wind	80	238	240	251	261
Wood/Wood Waste	-	-	-	-	s
MSW Biogenic/Landfill Gas	189	169	184	180	174
Other Biomass	137	116	118	104	109
Total	738	846	861	817	817

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Idaho

Table 1. Summary renewable electric power industry statistics (2010)

Idaho		
Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	3,990	100.0
Total Net Summer Renewable Capacity	3,140	78.7
Geothermal	10	0.3
Hydro Conventional	2,704	67.8
Solar	-	-
Wind	352	8.8
Wood/Wood Waste	68	1.7
MSW/Landfill Gas	-	-
Other Biomass	6	0.2
Generation (thousand megawatthours)		
Total Electricity Net Generation	12,025	100.0
Total Renewable Net Generation	10,168	84.6
Geothermal	72	0.6
Hydro Conventional	9,154	76.1
Solar	-	-
Wind	441	3.7
Wood/Wood Waste	478	4.0
MSW Biogenic/Landfill Gas	-	-
Other Biomass	24	0.2

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Idaho

Energy Source	2006	2007	2008	2009	2010
Fossil	667	667	828	834	834
Coal	17	17	17	17	17
Petroleum	5	5	5	5	5
Natural Gas	645	645	805	812	812
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	2,528	2,514	2,535	2,909	3,140
Pumped Storage	-	-	-	-	-
Other	15	15	15	15	15
Total	3,210	3,196	3,378	3,758	3,990

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Idaho

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	10	7	10
Hydro Conventional	2,378	2,367	2,346	2,682	2,704
Solar	-	-	-	-	-
Wind	75	75	117	146	352
Wood/Wood Waste	75	71	63	68	68
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	5	6
Total	2,528	2,514	2,535	2,909	3,140

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Idaho

Energy Source	2006	2007	2008	2009	2010
Fossil	1,381	1,741	1,790	1,726	1,778
Coal	82	84	90	83	88
Petroleum	s	s	s	s	s
Natural Gas	1,298	1,657	1,700	1,644	1,689
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	11,932	9,675	10,111	11,302	10,168
Pumped Storage	-	-	-	-	-
Other	73	69	70	72	79
Total	13,386	11,484	11,971	13,100	12,025

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Idaho

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	86	76	72
Hydro Conventional	11,242	9,022	9,363	10,434	9,154
Solar	-	-	-	-	-
Wind	170	172	207	313	441
Wood/Wood Waste	520	481	455	478	478
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	24
Total	11,932	9,675	10,111	11,302	10,168

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Illinois

Table 1. Summary renewable electric power industry statistics (2010)

Illinois		
Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	44,127	100.0
Total Net Summer Renewable Capacity	2,112	4.8
Geothermal	-	-
Hydro Conventional	34	0.1
Solar	9	*
Wind	1,946	4.4
Wood/Wood Waste	-	-
MSW/Landfill Gas	123	0.3
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	201,352	100.0
Total Renewable Net Generation	5,257	2.6
Geothermal	-	-
Hydro Conventional	119	0.1
Solar	14	*
Wind	4,454	2.2
Wood/Wood Waste	s	*
MSW Biogenic/Landfill Gas	670	0.3
Other Biomass	s	*

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Illinois

Energy Source	2006	2007	2008	2009	2010
Fossil	30,626	30,435	30,662	30,795	30,554
Coal	15,731	15,582	15,653	15,852	15,551
Petroleum	1,143	1,097	1,099	1,090	1,106
Natural Gas	13,705	13,709	13,870	13,806	13,771
Other Gases	47	47	40	47	125
Nuclear	11,379	11,379	11,379	11,441	11,441
Renewables	264	916	1,145	1,777	2,112
Pumped Storage	-	-	-	-	-
Other	20	-	20	20	20
Total	42,289	42,731	43,206	44,033	44,127

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Illinois

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	33	33	34	34	34
Solar	-	-	-	9	9
Wind	105	740	962	1,596	1,946
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	111	131	150	139	123
Other Biomass	15	13	-	-	-
Total	264	916	1,145	1,777	2,112

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Illinois

Energy Source	2006	2007	2008	2009	2010
Fossil	97,212	103,072	101,101	94,662	99,605
Coal	91,649	95,265	96,644	89,967	93,611
Petroleum	136	132	143	113	110
Natural Gas	5,279	7,542	4,260	4,495	5,724
Other Gases	149	134	54	88	161
Nuclear	94,154	95,729	95,152	95,474	96,190
Renewables	1,022	1,438	3,174	3,666	5,257
Pumped Storage	-	-	-	-	-
Other	38	21	49	62	300
Total	192,427	200,261	199,475	193,864	201,352

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Illinois

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	173	154	139	136	119
Solar	-	-	-	s	14
Wind	255	664	2,337	2,820	4,454
Wood/Wood Waste	-	-	1	s	s
MSW Biogenic/Landfill Gas	582	603	697	709	670
Other Biomass	12	17	s	1	s
Total	1,022	1,438	3,174	3,666	5,257

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Indiana

Table 1. summary renewable electric power industry statistics (2010)

Indiana

Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	27,638	100.0
Total Net Summer Renewable Capacity	1,452	5.3
Geothermal	-	-
Hydro Conventional	60	0.2
Solar	-	-
Wind	1,340	4.8
Wood/Wood Waste	-	-
MSW/Landfill Gas	53	0.2
Other Biomass	s	*
Generation (thousand megawatthours)		
Total Electricity Net Generation	125,181	100.0
Total Renewable Net Generation	3,699	3.0
Geothermal	-	-
Hydro Conventional	454	0.4
Solar	-	-
Wind	2,934	2.3
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	312	0.2
Other Biomass	-	-

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Indiana

Energy Source	2006	2007	2008	2009	2010
Fossil	26,899	26,922	26,850	26,808	26,186
Coal	19,718	19,759	19,721	19,757	19,096
Petroleum	503	503	503	503	504
Natural Gas	6,052	6,048	6,007	6,003	5,766
Other Gases	626	612	618	545	819
Nuclear	-	-	-	-	-
Renewables	91	99	229	1,141	1,452
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	26,990	27,021	27,079	27,949	27,638

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Indiana

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	60	60	60	60	60
Solar	-	-	-	-	-
Wind	-	-	131	1,037	1,340
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	31	39	39	45	53
Other Biomass	-	-	-	-	s
Total	91	99	229	1,141	1,452

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Indiana

Energy Source	2006	2007	2008	2009	2010
Fossil	129,345	129,576	128,206	114,118	121,101
Coal	123,645	122,803	122,036	108,312	112,328
Petroleum	148	170	178	157	155
Natural Gas	2,682	4,012	3,636	3,830	6,475
Other Gases	2,870	2,591	2,356	1,820	2,144
Nuclear	-	-	-	-	-
Renewables	710	681	948	2,209	3,699
Pumped Storage	-	-	-	-	-
Other	435	381	356	343	380
Total	130,490	130,638	129,510	116,670	125,181

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Indiana

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	490	450	437	503	454
Solar	-	-	-	-	-
Wind	-	-	238	1,403	2,934
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	220	231	273	303	312
Other Biomass	-	-	-	-	-
Total	710	681	948	2,209	3,699

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Iowa

Table 1. Summary renewable electric power industry statistics (2010)

Iowa		
Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	14,592	100.0
Total Net Summer Renewable Capacity	3,728	25.5
Geothermal	-	-
Hydro Conventional	144	1.0
Solar	-	-
Wind	3,569	24.5
Wood/Wood Waste	-	-
MSW/Landfill Gas	11	0.1
Other Biomass	3	*
Generation (thousand megawatthours)		
Total Electricity Net Generation	57,509	100.0
Total Renewable Net Generation	10,309	17.9
Geothermal	-	-
Hydro Conventional	948	1.6
Solar	-	-
Wind	9,170	15.9
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	91	0.2
Other Biomass	99	0.2

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Iowa

Energy Source	2006	2007	2008	2009	2010
Fossil	9,496	10,391	10,340	10,467	10,263
Coal	6,097	6,967	6,928	7,107	6,956
Petroleum	1,027	1,023	1,017	1,014	1,007
Natural Gas	2,371	2,402	2,395	2,346	2,299
Other Gases	-	-	-	-	-
Nuclear	581	580	580	601	601
Renewables	1,067	1,316	2,791	3,511	3,728
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	11,143	12,287	13,711	14,579	14,592

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(thousand megawatthours)

Iowa

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	131	131	142	144	144
Solar	-	-	-	-	-
Wind	921	1,170	2,635	3,352	3,569
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	11	11	11	11	11
Other Biomass	3	3	3	3	3
Total	1,067	1,316	2,791	3,511	3,728

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric Power Industry net generation, by energy source, 2006-2010

(thousand megawatts)

Iowa

Energy Source	2006	2007	2008	2009	2010
Fossil	37,014	41,388	42,734	38,621	42,749
Coal	34,405	37,986	40,410	37,351	41,283
Petroleum	208	312	161	85	154
Natural Gas	2,400	3,091	2,163	1,184	1,312
Other Gases	-	-	-	-	-
Nuclear	5,095	4,519	5,282	4,679	4,451
Renewables	3,364	3,870	5,070	8,560	10,309
Pumped Storage	-	-	-	-	-
Other	10	12	s	s	-
Total	45,483	49,789	53,087	51,860	57,509

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric Power Industry net generation, by energy source, 2006-2010

(thousand megawatts)

Iowa

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	909	962	819	971	948
Solar	-	-	-	-	-
Wind	2,318	2,757	4,084	7,421	9,170
Wood/Wood Waste	-	s	s	s	-
MSW Biogenic/Landfill Gas	100	123	98	93	91
Other Biomass	37	28	69	74	99
Total	3,364	3,870	5,070	8,560	10,309

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Kansas

Table 1. Summary renewable electric power industry statistics (2010)

Kansas		
Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	12,543	100.0
Total Net Summer Renewable Capacity	1,082	8.6
Geothermal	-	-
Hydro Conventional	3	*
Solar	-	-
Wind	1,072	8.5
Wood/Wood Waste	-	-
MSW/Landfill Gas	7	0.1
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	47,924	100.0
Total Renewable Net Generation	3,473	7.2
Geothermal	-	-
Hydro Conventional	13	*
Solar	-	-
Wind	3,405	7.1
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	54	0.1
Other Biomass	-	0.0

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Kansas

Energy Source	2006	2007	2008	2009	2010
Fossil	9,592	9,709	10,017	10,355	10,302
Coal	5,203	5,208	5,190	5,180	5,179
Petroleum	565	569	564	564	550
Natural Gas	3,824	3,932	4,262	4,611	4,573
Other Gases	-	-	-	-	-
Nuclear	1,166	1,166	1,160	1,160	1,160
Renewables	366	366	815	1,014	1,082
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	11,124	11,241	11,992	12,529	12,543

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Kansas

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	3	3	3	3	3
Solar	-	-	-	-	-
Wind	363	363	812	1,011	1,072
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	7
Other Biomass	-	-	-	-	-
Total	366	366	815	1,014	1,082

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Kansas

Energy Source	2006	2007	2008	2009	2010
Fossil	35,172	38,590	36,363	35,033	34,895
Coal	33,281	36,250	34,003	32,243	32,505
Petroleum	51	207	130	121	103
Natural Gas	1,839	2,133	2,230	2,669	2,287
Other Gases	-	-	-	-	-
Nuclear	9,350	10,369	8,497	8,769	9,556
Renewables	1,002	1,163	1,770	2,876	3,473
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	45,524	50,122	46,630	46,677	47,924

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Kansas

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	10	11	11	13	13
Solar	-	-	-	-	-
Wind	992	1,153	1,759	2,863	3,405
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	54
Other Biomass	-	-	-	-	-
Total	1,002	1,163	1,770	2,876	3,473

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Kentucky

Table 1. Summary renewable electric power industry statistics (2010)

Kentucky

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	20,453	100.0
Total Net Summer Renewable Capacity	893	4.4
Geothermal	-	-
Hydro Conventional	824	4.0
Solar	-	-
Wind	-	-
Wood/Wood Waste	52	0.3
MSW/Landfill Gas	17	0.1
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	98,218	100.0
Total Renewable Net Generation	3,020	3.1
Geothermal	-	-
Hydro Conventional	2,580	2.6
Solar	-	-
Wind	-	-
Wood/Wood Waste	349	0.4
MSW Biogenic/Landfill Gas	89	0.1
Other Biomass	2	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Kentucky

Energy Source	2006	2007	2008	2009	2010
Fossil	19,177	19,088	19,016	19,268	19,560
Coal	14,386	14,374	14,301	14,553	14,566
Petroleum	135	77	77	77	70
Natural Gas	4,656	4,638	4,638	4,638	4,924
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	871	880	886	893	893
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	20,047	19,968	19,902	20,160	20,453

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Kentucky

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	815	817	824	824	824
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	43	47	47	52	52
MSW/Landfill Gas	12	15	15	17	17
Other Biomass	-	-	-	-	-
Total	871	880	886	893	893

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Kentucky

Energy Source	2006	2007	2008	2009	2010
Fossil	95,720	95,075	95,478	86,937	95,182
Coal	91,198	90,483	91,621	84,038	91,054
Petroleum	3,341	2,791	2,874	2,016	2,285
Natural Gas	1,177	1,796	979	878	1,841
Other Gases	4	5	4	4	3
Nuclear	-	-	-	-	-
Renewables	3,050	2,134	2,377	3,681	3,020
Pumped Storage	-	-	-	-	-
Other	22	16	9	13	15
Total	98,792	97,225	97,863	90,630	98,218

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Kentucky

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	2,592	1,669	1,917	3,318	2,580
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	369	370	351	263	349
MSW Biogenic/Landfill Gas	88	93	105	96	89
Other Biomass	2	2	4	4	2
Total	3,050	2,134	2,377	3,681	3,020

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Louisiana

Table 1. Summary renewable electric power industry statistics (2010)

Louisiana		
Primary Renewable Energy Capacity Source	Wood/Wood Waste	
Primary Renewable Energy Generation Source	Wood/Wood Waste	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	26,744	100.0
Total Net Summer Renewable Capacity	517	1.9
Geothermal	-	-
Hydro Conventional	192	0.7
Solar	-	-
Wind	-	-
Wood/Wood Waste	311	1.2
MSW/Landfill Gas	-	-
Other Biomass	14	0.1
Generation (thousand megawatthours)		
Total Electricity Net Generation	102,885	100.0
Total Renewable Net Generation	3,577	3.5
Geothermal	-	-
Hydro Conventional	1,109	1.1
Solar	-	-
Wind	-	-
Wood/Wood Waste	2,393	2.3
MSW Biogenic/Landfill Gas	-	-
Other Biomass	74	0.1

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Louisiana					
Energy Source	2006	2007	2008	2009	2010
Fossil	23,904	23,379	23,207	23,087	23,906
Coal	3,453	3,482	3,482	3,482	3,417
Petroleum	285	346	346	346	881
Natural Gas	19,980	19,384	19,345	19,225	19,574
Other Gases	186	167	34	34	34
Nuclear	2,119	2,127	2,154	2,142	2,142
Renewables	525	586	586	579	517
Pumped Storage	-	-	-	-	-
Other	238	231	236	179	179
Total	26,786	26,323	26,183	25,987	26,744

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Louisiana					
Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	192	192	192	192	192
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	318	380	380	373	311
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	15	14	14	14	14
Total	525	586	586	579	517

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Louisiana

Energy Source	2006	2007	2008	2009	2010
Fossil	69,795	71,028	72,850	70,155	80,110
Coal	24,395	23,051	24,100	23,067	23,924
Petroleum	1,872	2,251	2,305	1,858	3,281
Natural Gas	41,933	43,915	45,344	44,003	51,344
Other Gases	1,595	1,811	1,101	1,227	1,561
Nuclear	16,735	17,078	15,371	16,782	18,639
Renewables	3,676	3,807	3,774	3,600	3,577
Pumped Storage	-	-	-	-	-
Other	715	666	458	456	559
Total	90,922	92,578	92,453	90,994	102,885

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Louisiana

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	713	827	1,064	1,236	1,109
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	2,881	2,898	2,639	2,297	2,393
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	81	82	71	67	74
Total	3,676	3,807	3,774	3,600	3,577

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Maine

Table 1. Summary renewable electric power industry statistics (2010)

Maine		
Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	4,430	100.0
Total Net Summer Renewable Capacity	1,692	38.2
Geothermal	-	-
Hydro Conventional	738	16.6
Solar	-	-
Wind	263	5.9
Wood/Wood Waste	600	13.6
MSW/Landfill Gas	57	1.3
Other Biomass	35	0.8
Generation (thousand megawatthours)		
Total Electricity Net Generation	17,019	100.0
Total Renewable Net Generation	7,963	46.8
Geothermal	-	-
Hydro Conventional	3,810	22.4
Solar	-	-
Wind	499	2.9
Wood/Wood Waste	3,390	19.9
MSW Biogenic/Landfill Gas	237	1.4
Other Biomass	27	0.2

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Maine

Energy Source	2006	2007	2008	2009	2010
Fossil	2,770	2,751	2,761	2,738	2,738
Coal	85	85	85	85	85
Petroleum	1,030	1,031	1,031	1,008	1,008
Natural Gas	1,655	1,636	1,645	1,645	1,645
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,418	1,462	1,478	1,606	1,692
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	4,187	4,213	4,239	4,344	4,430

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Maine

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	719	718	730	738	738
Solar	-	-	-	-	-
Wind	-	42	47	170	263
Wood/Wood Waste	609	612	612	606	600
MSW/Landfill Gas	53	53	53	57	57
Other Biomass	36	36	36	36	35
Total	1,418	1,462	1,478	1,606	1,692

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Maine

Energy Source	2006	2007	2008	2009	2010
Fossil	8,214	7,869	8,264	7,861	8,733
Coal	321	376	352	72	87
Petroleum	595	818	533	433	272
Natural Gas	7,298	6,675	7,380	7,355	8,374
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	8,246	7,945	8,515	8,150	7,963
Pumped Storage	-	-	-	-	-
Other	356	315	315	339	323
Total	16,816	16,129	17,095	16,350	17,019

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Maine

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	4,278	3,738	4,457	4,212	3,810
Solar	-	-	-	-	-
Wind	-	99	132	299	499
Wood/Wood Waste	3,685	3,848	3,669	3,367	3,390
MSW Biogenic/Landfill Gas	235	208	206	232	237
Other Biomass	48	52	52	41	27
Total	8,246	7,945	8,515	8,150	7,963

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Maryland

Table 1. Summary renewable electric power industry statistics (2010)

Maryland

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	12,516	100.0
Total Net Summer Renewable Capacity	799	6.4
Geothermal	-	-
Hydro Conventional	590	4.7
Solar	1	*
Wind	70	0.6
Wood/Wood Waste	3	*
MSW/Landfill Gas	135	1.1
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	43,607	100.0
Total Renewable Net Generation	2,241	5.1
Geothermal	-	-
Hydro Conventional	1,667	3.8
Solar	s	*
Wind	1	*
Wood/Wood Waste	165	0.4
MSW Biogenic/Landfill Gas	407	0.9
Other Biomass	s	*

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, energy source, 2006 – 2010

(megawatts)

Maryland

Energy Source	2006	2007	2008	2009	2010
Fossil	10,071	10,028	10,125	10,050	10,012
Coal	4,958	4,958	4,944	4,876	4,886
Petroleum	3,140	2,965	2,991	2,986	2,933
Natural Gas	1,821	1,953	2,038	2,035	2,041
Other Gases	152	152	152	152	152
Nuclear	1,735	1,735	1,735	1,705	1,705
Renewables	693	723	725	727	799
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	12,500	12,486	12,585	12,482	12,516

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, energy source, 2006 – 2010

(megawatts)

Maryland

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	566	590	590	590	590
Solar	-	-	-	-	1
Wind	-	-	-	-	70
Wood/Wood Waste	2	3	3	3	3
MSW/Landfill Gas	126	130	132	135	135
Other Biomass	-	-	-	-	-
Total	693	723	725	727	799

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, energy source, 2006 – 2010

(thousand megawatthours)

Maryland

Energy Source	2006	2007	2008	2009	2010
Fossil	32,091	33,303	29,810	26,529	27,102
Coal	29,408	29,699	27,218	24,162	23,668
Petroleum	581	985	406	330	322
Natural Gas	1,770	2,241	1,848	1,768	2,897
Other Gases	332	378	338	269	215
Nuclear	13,830	14,353	14,679	14,550	13,994
Renewables	2,730	2,256	2,587	2,440	2,241
Pumped Storage	-	-	-	-	-
Other	305	287	286	256	270
Total	48,957	50,198	47,361	43,775	43,607

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, energy source, 2006 – 2010

(thousand megawatthours)

Maryland

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	2,104	1,652	1,974	1,889	1,667
Solar	-	-	-	-	s
Wind	-	-	-	-	1
Wood/Wood Waste	218	203	198	175	165
MSW Biogenic/Landfill Gas	408	400	415	376	407
Other Biomass	-	-	-	-	s
Total	2,730	2,256	2,587	2,440	2,241

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Massachusetts

Table 1. Summary renewable electric power industry statistics (2010)

Massachusetts

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	13,697	100.0
Total Net Summer Renewable Capacity	566	4.1
Geothermal	-	-
Hydro Conventional	262	1.9
Solar	4	*
Wind	10	0.1
Wood/Wood Waste	26	0.2
MSW/Landfill Gas	255	1.9
Other Biomass	9	0.1
Generation (thousand megawatthours)		
Total Electricity Net Generation	42,805	100.0
Total Renewable Net Generation	2,270	5.3
Geothermal	-	-
Hydro Conventional	996	2.3
Solar	1	*
Wind	22	0.1
Wood/Wood Waste	125	0.3
MSW Biogenic/Landfill Gas	1,125	2.6
Other Biomass	1	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Massachusetts

Energy Source	2006	2007	2008	2009	2010
Fossil	11,050	10,670	10,621	10,770	10,763
Coal	1,743	1,744	1,662	1,668	1,669
Petroleum	3,219	3,137	3,120	3,125	3,031
Natural Gas	6,089	5,789	5,839	5,977	6,063
Other Gases	-	-	-	-	-
Nuclear	685	685	685	685	685
Renewables	554	560	557	564	566
Pumped Storage	1,643	1,643	1,643	1,680	1,680
Other	-	-	-	-	3
Total	13,932	13,557	13,505	13,699	13,697

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Massachusetts

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	259	259	258	261	262
Solar	-	-	s	s	4
Wind	-	2	2	5	10
Wood/Wood Waste	26	26	26	26	26
MSW/Landfill Gas	261	264	263	264	255
Other Biomass	9	9	9	9	9
Total	554	560	557	564	566

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Massachusetts

Energy Source	2006	2007	2008	2009	2010
Fossil	36,773	40,001	34,251	30,913	34,183
Coal	11,138	12,024	10,629	9,028	8,306
Petroleum	2,328	3,052	2,108	897	296
Natural Gas	23,307	24,925	21,514	20,988	25,582
Other Gases	-	-	-	-	-
Nuclear	5,830	5,120	5,869	5,396	5,918
Renewables	2,791	2,038	2,411	2,430	2,270
Pumped Storage	-579	-831	-798	-534	-337
Other	782	748	773	761	771
Total	45,598	47,076	42,505	38,967	42,805

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Massachusetts

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,513	797	1,156	1,201	996
Solar	-	-	s	s	1
Wind	-	-	4	6	22
Wood/Wood Waste	125	119	123	115	125
MSW Biogenic/Landfill Gas	1,126	1,094	1,128	1,104	1,125
Other Biomass	27	27	2	4	1
Total	2,791	2,038	2,411	2,430	2,270

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Michigan

Table 1. Summary renewable electric power industry statistics (2010)

Michigan

Primary Renewable Energy Capacity Source	Hydro Conventional		
Primary Renewable Energy Generation Source	Wood/Wood Waste		
Capacity (megawatts)		Value	Percent of State Total
Total Net Summer Electricity Capacity		29,831	100.0
Total Net Summer Renewable Capacity		807	2.7
Geothermal		-	-
Hydro Conventional		237	0.8
Solar		-	-
Wind		163	0.5
Wood/Wood Waste		232	0.8
MSW/Landfill Gas		176	0.6
Other Biomass		-	-
Generation (thousand megawatthours)			
Total Electricity Net Generation		111,551	100.0
Total Renewable Net Generation		4,083	3.7
Geothermal		-	-
Hydro Conventional		1,251	1.1
Solar		-	-
Wind		360	0.3
Wood/Wood Waste		1,670	1.5
MSW Biogenic/Landfill Gas		795	0.7
Other Biomass		8	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Michigan

Energy Source	2006	2007	2008	2009	2010
Fossil	23,693	23,826	23,805	23,691	23,205
Coal	11,860	11,910	11,921	11,794	11,531
Petroleum	1,499	673	667	684	640
Natural Gas	10,322	11,242	11,218	11,214	11,033
Other Gases	12	-	-	-	-
Nuclear	4,006	3,969	3,969	3,953	3,947
Renewables	618	638	773	792	807
Pumped Storage	1,872	1,872	1,872	1,872	1,872
Other	-	-	-	-	-
Total	30,189	30,305	30,419	30,308	29,831

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Michigan

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	257	249	250	251	237
Solar	-	-	-	-	-
Wind	2	2	124	143	163
Wood/Wood Waste	210	231	230	230	232
MSW/Landfill Gas	149	156	169	168	176
Other Biomass	-	-	-	-	-
Total	618	638	773	792	807

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Michigan

Energy Source	2006	2007	2008	2009	2010
Fossil	80,004	84,933	80,179	75,869	78,535
Coal	67,780	70,811	69,855	66,848	65,604
Petroleum	402	699	458	399	382
Natural Gas	11,410	13,141	9,602	8,420	12,249
Other Gases	412	282	264	203	299
Nuclear	29,066	31,517	31,484	21,851	29,625
Renewables	3,963	3,687	3,956	3,995	4,083
Pumped Storage	-1,039	-1,129	-916	-857	-1,023
Other	563	303	286	344	332
Total	112,557	119,310	114,990	101,203	111,551

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Michigan

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,520	1,270	1,364	1,372	1,251
Solar	-	-	-	-	-
Wind	2	3	141	300	360
Wood/Wood Waste	1,704	1,692	1,710	1,489	1,670
MSW Biogenic/Landfill Gas	735	721	738	829	795
Other Biomass	2	1	1	5	8
Total	3,963	3,687	3,956	3,995	4,083

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Minnesota

Table 1. Summary renewable electric power industry statistics (2010)

Minnesota

Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	14,715	100.0
Total Net Summer Renewable Capacity	2,588	17.6
Geothermal	-	-
Hydro Conventional	193	1.3
Solar	-	-
Wind	2,009	13.7
Wood/Wood Waste	177	1.2
MSW/Landfill Gas	134	0.9
Other Biomass	75	0.5
Generation (thousand megawatthours)		
Total Electricity Net Generation	53,670	100.0
Total Renewable Net Generation	7,480	13.9
Geothermal	-	-
Hydro Conventional	840	1.6
Solar	-	-
Wind	4,792	8.9
Wood/Wood Waste	933	1.7
MSW Biogenic/Landfill Gas	340	0.6
Other Biomass	576	1.1

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Minnesota

Energy Source	2006	2007	2008	2009	2010
Fossil	9,714	9,550	10,548	10,752	10,519
Coal	5,444	5,207	5,235	4,826	4,789
Petroleum	746	764	782	801	795
Natural Gas	3,524	3,579	4,531	5,126	4,936
Other Gases	-	-	-	-	-
Nuclear	1,668	1,668	1,668	1,668	1,594
Renewables	1,259	1,658	2,008	2,192	2,588
Pumped Storage	-	-	-	-	-
Other	11	13	13	13	13
Total	12,651	12,890	14,237	14,626	14,715

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Minnesota

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	175	176	194	194	193
Solar	-	-	-	-	-
Wind	827	1,139	1,460	1,615	2,009
Wood/Wood Waste	129	161	170	177	177
MSW/Landfill Gas	127	128	130	132	134
Other Biomass	-	55	55	75	75
Total	1,259	1,658	2,008	2,192	2,588

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Minnesota

Energy Source	2006	2007	2008	2009	2010
Fossil	36,125	36,463	34,879	32,263	32,454
Coal	33,070	32,190	31,755	29,327	28,083
Petroleum	494	405	232	65	31
Natural Gas	2,561	3,842	2,866	2,846	4,341
Other Gases	-	26	27	24	-
Nuclear	13,183	13,103	12,997	12,393	13,478
Renewables	3,631	4,586	6,578	7,546	7,480
Pumped Storage	-	-	-	-	-
Other	298	325	309	290	258
Total	53,238	54,478	54,763	52,492	53,670

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Minnesota

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	572	654	727	809	840
Solar	-	-	-	-	-
Wind	2,055	2,639	4,355	5,053	4,792
Wood/Wood Waste	590	727	725	796	933
MSW Biogenic/Landfill Gas	412	423	399	384	340
Other Biomass	3	143	372	503	576
Total	3,631	4,586	6,578	7,546	7,480

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Mississippi

Table 1. Summary renewable electric power industry statistics (2010)

Mississippi

Primary Renewable Energy Capacity Source	Wood/Wood Waste	
Primary Renewable Energy Generation Source	Wood/Wood Waste	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	15,691	100.0
Total Net Summer Renewable Capacity	235	1.5
Geothermal	-	-
Hydro Conventional	-	-
Solar	-	-
Wind	-	-
Wood/Wood Waste	235	1.5
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	54,487	100.0
Total Renewable Net Generation	1,504	2.8
Geothermal	-	-
Hydro Conventional	-	-
Solar	-	-
Wind	-	-
Wood/Wood Waste	1,503	2.8
MSW Biogenic/Landfill Gas	-	-
Other Biomass	1	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Mississippi

Energy Source	2006	2007	2008	2009	2010
Fossil	15,125	14,707	14,454	14,340	14,205
Coal	2,548	2,542	2,555	2,555	2,526
Petroleum	36	36	36	35	35
Natural Gas	12,537	12,125	11,859	11,746	11,640
Other Gases	4	4	4	4	4
Nuclear	1,266	1,268	1,259	1,251	1,251
Renewables	229	229	229	229	235
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	16,620	16,204	15,942	15,820	15,691

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Mississippi

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	-	-	-	-	-
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	229	229	229	229	235
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	229	229	229	229	235

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Mississippi

Energy Source	2006	2007	2008	2009	2010
Fossil	34,254	39,184	37,408	36,266	43,331
Coal	18,105	17,407	16,683	12,958	13,629
Petroleum	399	399	76	17	81
Natural Gas	15,706	21,335	20,607	23,267	29,619
Other Gases	44	42	40	25	2
Nuclear	10,419	9,359	9,397	10,999	9,643
Renewables	1,541	1,493	1,391	1,424	1,504
Pumped Storage	-	-	-	-	-
Other	16	7	10	12	9
Total	46,229	50,044	48,206	48,701	54,487

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Mississippi

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	-	-	-	-	-
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,535	1,488	1,386	1,417	1,503
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	6	5	5	7	1
Total	1,541	1,493	1,391	1,424	1,504

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Missouri

Table 1. Summary renewable electric power industry statistics (2010)

Missouri

Primary Renewable Energy Capacity Source	Hydro Conventional		
Primary Renewable Energy Generation Source	Hydro Conventional		
Capacity (megawatts)	Value	Percent of State Total	
Total Net Summer Electricity Capacity	21,739	100.0	
Total Net Summer Renewable Capacity	1,030	4.7	
Geothermal	-	-	
Hydro Conventional	564	2.6	
Solar	-	-	
Wind	459	2.1	
Wood/Wood Waste	-	-	
MSW/Landfill Gas	8	*	
Other Biomass	-	-	
Generation (thousand megawatthours)			
Total Electricity Net Generation	92,313	100.0	
Total Renewable Net Generation	2,527	2.7	
Geothermal	-	-	
Hydro Conventional	1,539	1.7	
Solar	-	-	
Wind	925	1.0	
Wood/Wood Waste	s	*	
MSW Biogenic/Landfill Gas	58	0.1	
Other Biomass	4	*	

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Missouri

Energy Source	2006	2007	2008	2009	2010
Fossil	18,197	18,099	18,126	18,101	18,861
Coal	11,299	11,259	11,240	11,231	12,070
Petroleum	1,279	1,287	1,282	1,272	1,212
Natural Gas	5,619	5,553	5,604	5,598	5,579
Other Gases	-	-	-	-	-
Nuclear	1,190	1,190	1,190	1,190	1,190
Renewables	555	612	734	880	1,030
Pumped Storage	657	657	657	657	657
Other	-	-	-	-	-
Total	20,599	20,558	20,706	20,829	21,739

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Missouri

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	552	552	566	564	564
Solar	-	-	-	-	-
Wind	-	57	163	309	459
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	3	3	5	8	8
Other Biomass	-	-	-	-	-
Total	555	612	734	880	1,030

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Missouri

Energy Source	2006	2007	2008	2009	2010
Fossil	81,245	80,127	78,788	75,122	79,870
Coal	77,450	75,084	73,532	71,611	75,047
Petroleum	61	60	57	88	126
Natural Gas	3,729	4,979	5,196	3,416	4,690
Other Gases	5	3	3	7	7
Nuclear	10,117	9,372	9,379	10,247	8,996
Renewables	223	1,234	2,293	2,391	2,527
Pumped Storage	48	383	545	567	888
Other	54	37	24	27	32
Total	91,686	91,153	91,029	88,354	92,313

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Missouri

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	199	1,204	2,047	1,817	1,539
Solar	-	-	-	-	-
Wind	-	-	203	499	925
Wood/Wood Waste	s	s	2	2	s
MSW Biogenic/Landfill Gas	15	22	30	50	58
Other Biomass	9	7	11	24	4
Total	223	1,234	2,293	2,391	2,527

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Montana

Table 1. Summary renewable electric power industry statistics (2010)

Montana

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	5,866	100.0
Total Net Summer Renewable Capacity	3,085	52.6
Geothermal	-	-
Hydro Conventional	2,705	46.1
Solar	-	-
Wind	379	6.5
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	29,791	100.0
Total Renewable Net Generation	10,442	35.1
Geothermal	-	-
Hydro Conventional	9,415	31.6
Solar	-	-
Wind	930	3.1
Wood/Wood Waste	97	0.3
MSW Biogenic/Landfill Gas	-	-
Other Biomass	-	-

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Montana

Energy Source	2006	2007	2008	2009	2010
Fossil	2,671	2,671	2,682	2,701	2,782
Coal	2,460	2,458	2,442	2,442	2,442
Petroleum	57	59	57	57	54
Natural Gas	154	154	181	200	284
Other Gases	-	-	2	2	2
Nuclear	-	-	-	-	-
Renewables	2,766	2,809	2,932	3,078	3,085
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	5,437	5,479	5,614	5,779	5,866

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewableelectric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Montana

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	22	-	-	-
Hydro Conventional	2,604	2,620	2,660	2,692	2,705
Solar	-	-	-	-	-
Wind	145	149	255	369	379
Wood/Wood Waste	17	17	17	17	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	2,766	2,809	2,932	3,078	3,085

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Montana

Energy Source	2006	2007	2008	2009	2010
Fossil	17,583	18,960	18,822	16,181	19,068
Coal	17,085	18,357	18,332	15,611	18,601
Petroleum	419	479	419	490	409
Natural Gas	68	106	66	78	57
Other Gases	11	19	6	1	2
Nuclear	-	-	-	-	-
Renewables	10,661	9,971	10,704	10,422	10,442
Pumped Storage	-	-	-	-	-
Other	-	-	111	110	281
Total	28,244	28,931	29,637	26,713	29,791

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Montana

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	10,130	9,364	10,000	9,506	9,415
Solar	-	-	-	-	-
Wind	436	496	593	821	930
Wood/Wood Waste	94	111	111	95	97
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	10,661	9,971	10,704	10,422	10,442

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Nebraska

Table 1. Summary renewable electric power industry statistics (2010)

Nebraska

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	7,857	100.0
Total Net Summer Renewable Capacity	443	5.6
Geothermal	-	-
Hydro Conventional	278	3.5
Solar	-	-
Wind	154	2.0
Wood/Wood Waste	-	-
MSW/Landfill Gas	6	0.1
Other Biomass	5	0.1
Generation (thousand megawatthours)		
Total Electricity Net Generation	36,630	100.0
Total Renewable Net Generation	1,807	4.9
Geothermal	-	-
Hydro Conventional	1,314	3.6
Solar	-	-
Wind	422	1.2
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	53	0.1
Other Biomass	18	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Nebraska

Energy Source	2006	2007	2008	2009	2010
Fossil	5,478	5,423	5,459	6,123	6,169
Coal	3,204	3,204	3,204	3,871	3,932
Petroleum	642	330	382	387	387
Natural Gas	1,632	1,889	1,874	1,864	1,849
Other Gases	-	-	-	-	-
Nuclear	1,238	1,240	1,252	1,252	1,245
Renewables	355	308	313	393	443
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	7,071	6,971	7,024	7,768	7,857

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Nebraska

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	272	273	278	278	278
Solar	-	-	-	-	-
Wind	73	25	25	105	154
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	6	6	6	6	6
Other Biomass	4	5	5	5	5
Total	355	308	313	393	443

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Nebraska

Energy Source	2006	2007	2008	2009	2010
Fossil	21,461	20,776	22,273	23,684	23,769
Coal	20,683	19,630	21,480	23,350	23,363
Petroleum	19	36	35	23	31
Natural Gas	759	1,110	758	312	375
Other Gases	-	-	-	-	-
Nuclear	9,003	11,042	9,479	9,435	11,054
Renewables	1,207	625	622	883	1,807
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	31,670	32,443	32,374	34,002	36,630

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Nebraska

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	893	347	346	434	1,314
Solar	-	-	-	-	-
Wind	261	217	214	383	422
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	37	46	45	47	53
Other Biomass	15	15	16	19	18
Total	1,207	625	622	883	1,807

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Nevada

Table 1. Summary renewable electric power industry statistics (2010)

Nevada

Primary Renewable Energy Capacity Source	Hydro Conventional		
Primary Renewable Energy Generation Source	Hydro Conventional		
Capacity (megawatts)	Value	Percent of State Total	
Total Net Summer Electricity Capacity	11,421	100.0	
Total Net Summer Renewable Capacity	1,507	13.2	
Geothermal	319	2.8	
Hydro Conventional	1,051	9.2	
Solar	137	1.2	
Wind	-	-	
Wood/Wood Waste	-	-	
MSW/Landfill Gas	-	-	
Other Biomass	-	-	
Generation (thousand megawatthours)			
Total Electricity Net Generation	35,146	100.0	
Total Renewable Net Generation	4,444	12.6	
Geothermal	2,070	5.9	
Hydro Conventional	2,157	6.1	
Solar	217	0.6	
Wind	-	-	
Wood/Wood Waste	-	0.0	
MSW Biogenic/Landfill Gas	-	-	
Other Biomass	-	-	

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Nevada

Energy Source	2006	2007	2008	2009	2010
Fossil	8,412	8,638	9,942	9,950	9,914
Coal	2,657	2,689	2,916	2,916	2,873
Petroleum	45	45	45	45	45
Natural Gas	5,711	5,905	6,982	6,990	6,996
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,236	1,316	1,355	1,446	1,507
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	9,648	9,954	11,297	11,396	11,421

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Nevada

Energy Source	2006	2007	2008	2009	2010
Geothermal	188	189	215	306	319
Hydro Conventional	1,047	1,048	1,051	1,051	1,051
Solar	-	79	89	89	137
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	1,236	1,316	1,355	1,446	1,507

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Nevada

Energy Source	2006	2007	2008	2009	2010
Fossil	28,459	29,370	31,801	33,436	30,702
Coal	7,254	7,091	7,812	7,540	6,997
Petroleum	17	11	14	16	11
Natural Gas	21,184	22,263	23,972	25,878	23,688
Other Gases	4	4	2	2	6
Nuclear	-	-	-	-	-
Renewables	3,401	3,300	3,289	4,269	4,444
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	31,860	32,670	35,090	37,705	35,146

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Nevada

Energy Source	2006	2007	2008	2009	2010
Geothermal	1,344	1,253	1,383	1,633	2,070
Hydro Conventional	2,058	2,003	1,751	2,461	2,157
Solar	-	44	156	174	217
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	1	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	3,401	3,300	3,289	4,269	4,444

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

New Hampshire

Table 1. Summary renewable electric power industry statistics (2010)

New Hampshire

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	4,180	100.0
Total Net Summer Renewable Capacity	671	16.1
Geothermal	-	-
Hydro Conventional	489	11.7
Solar	-	-
Wind	24	0.6
Wood/Wood Waste	129	3.1
MSW/Landfill Gas	29	0.7
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	22,196	100.0
Total Renewable Net Generation	2,710	12.2
Geothermal	-	-
Hydro Conventional	1,478	6.7
Solar	-	-
Wind	76	0.3
Wood/Wood Waste	1,030	4.6
MSW Biogenic/Landfill Gas	127	0.6
Other Biomass	s	*

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

New Hampshire

Energy Source	2006	2007	2008	2009	2010
Fossil	2,411	2,371	2,235	2,226	2,262
Coal	528	528	528	528	546
Petroleum	529	503	503	501	501
Natural Gas	1,354	1,341	1,205	1,198	1,215
Other Gases	-	-	-	-	-
Nuclear	1,244	1,245	1,245	1,247	1,247
Renewables	685	663	694	691	671
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	4,340	4,280	4,174	4,165	4,180

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

New Hampshire

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	512	494	500	498	489
Solar	-	-	-	-	-
Wind	-	-	24	24	24
Wood/Wood Waste	141	140	140	140	129
MSW/Landfill Gas	31	29	29	29	29
Other Biomass	-	-	-	-	-
Total	685	663	694	691	671

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

New Hampshire

Energy Source	2006	2007	2008	2009	2010
Fossil	10,331	10,066	10,660	8,411	8,519
Coal	3,885	3,927	3,451	2,886	3,083
Petroleum	439	385	136	183	72
Natural Gas	6,007	5,754	7,073	5,342	5,365
Other Gases	-	-	-	-	-
Nuclear	9,398	10,764	9,350	8,817	10,910
Renewables	2,275	2,389	2,808	2,878	2,710
Pumped Storage	-	-	-	-	-
Other	59	59	58	58	57
Total	22,064	23,277	22,877	20,164	22,196

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

New Hampshire

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,529	1,265	1,633	1,680	1,478
Solar	-	-	-	-	-
Wind	-	-	10	62	76
Wood/Wood Waste	590	970	1,010	984	1,030
MSW Biogenic/Landfill Gas	156	153	155	151	127
Other Biomass	-	-	-	-	s
Total	2,275	2,389	2,808	2,878	2,710

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

New Jersey

Table 1. Summary renewable electric power industry statistics (2010)

New Jersey

Primary Renewable Energy Capacity Source	Municipal Solid Waste/Landfill Gas
Primary Renewable Energy Generation Source	Municipal Solid Waste/Landfill Gas

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	18,424	100.0
Total Net Summer Renewable Capacity	230	1.2
Geothermal	-	-
Hydro Conventional	4	*
Solar	28	0.2
Wind	8	*
Wood/Wood Waste	-	-
MSW/Landfill Gas	171	0.9
Other Biomass	20	0.1

Generation (thousand megawatthours)

Total Electricity Net Generation	65,682	100.0
Total Renewable Net Generation	868	1.3
Geothermal	-	-
Hydro Conventional	18	*
Solar	21	*
Wind	13	*
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	816	1.2
Other Biomass	-	0.0

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

New Jersey

Energy Source	2006	2007	2008	2009	2010
Fossil	14,363	13,741	13,771	13,759	13,676
Coal	2,124	2,054	2,054	2,065	2,036
Petroleum	1,810	1,345	1,514	1,362	1,351
Natural Gas	10,385	10,298	10,159	10,288	10,244
Other Gases	44	44	44	44	44
Nuclear	3,984	3,984	4,108	4,108	4,108
Renewables	212	215	219	221	230
Pumped Storage	400	400	400	400	400
Other	11	11	11	11	11
Total	18,971	18,352	18,508	18,499	18,424

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

New Jersey

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	5	4	4	6	4
Solar	-	2	4	13	28
Wind	8	8	8	8	8
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	181	182	184	175	171
Other Biomass	20	20	20	20	20
Total	212	215	219	221	230

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

New Jersey

Energy Source	2006	2007	2008	2009	2010
Fossil	26,910	29,576	30,264	26,173	31,662
Coal	10,862	10,211	9,028	5,100	6,418
Petroleum	270	453	325	278	235
Natural Gas	15,668	18,752	20,752	20,625	24,902
Other Gases	110	161	159	170	106
Nuclear	32,568	32,010	32,195	34,328	32,771
Renewables	952	864	931	992	868
Pumped Storage	-299	-269	-275	-202	-194
Other	569	489	559	520	575
Total	60,700	62,671	63,675	61,811	65,682

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

New Jersey

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	35	21	26	32	18
Solar	-	-	3	11	21
Wind	16	20	21	21	13
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	803	822	879	925	816
Other Biomass	98	1	3	4	-
Total	952	864	931	992	868

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

New Mexico

Table 1. Summary renewable electric power industry statistics (2010)

New Mexico

Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	8,130	100.0
Total Net Summer Renewable Capacity	818	10.1
Geothermal	-	-
Hydro Conventional	82	1.0
Solar	30	0.4
Wind	700	8.6
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	6	0.1
Generation (thousand megawatthours)		
Total Electricity Net Generation	36,252	100.0
Total Renewable Net Generation	2,072	5.7
Geothermal	-	-
Hydro Conventional	217	0.6
Solar	9	*
Wind	1,832	5.1
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	-	-
Other Biomass	14	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

New Mexico

Energy Source	2006	2007	2008	2009	2010
Fossil	6,520	6,620	7,366	7,308	7,312
Coal	3,957	3,957	3,957	3,977	3,990
Petroleum	28	28	28	28	24
Natural Gas	2,535	2,634	3,381	3,302	3,298
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	582	582	584	686	818
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	7,102	7,202	7,950	7,993	8,130

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

New Mexico

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	82	82	82	82	82
Solar	-	-	-	-	30
Wind	494	494	496	597	700
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	6	6	6	6	6
Total	582	582	584	686	818

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

New Mexico

Energy Source	2006	2007	2008	2009	2010
Fossil	35,790	34,308	35,033	37,823	34,180
Coal	29,859	27,604	27,014	29,117	25,618
Petroleum	41	44	53	45	50
Natural Gas	5,890	6,660	7,966	8,661	8,512
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,476	1,677	1,974	1,851	2,072
Pumped Storage	-	-	-	-	-
Other	-	-	3	-	-
Total	37,266	35,985	37,010	39,674	36,252

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

New Mexico

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	198	268	312	271	217
Solar	-	-	-	-	9
Wind	1,255	1,393	1,643	1,547	1,832
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	22	16	19	34	14
Total	1,476	1,677	1,974	1,851	2,072

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

New York

Table 1. Summary renewable electric power industry statistics

New York

Primary Renewable Energy Capacity Source	Hydro Conventional		
Primary Renewable Energy Generation Source	Hydro Conventional		
Capacity (megawatts)	Value	Percent of State Total	
Total Net Summer Electricity Capacity	39,357	100.0	
Total Net Summer Renewable Capacity	6,033	15.3	
Geothermal	-	-	
Hydro Conventional	4,314	11.0	
Solar	-	-	
Wind	1,274	3.2	
Wood/Wood Waste	86	0.2	
MSW/Landfill Gas	359	0.9	
Other Biomass	-	-	
Generation (thousand megawatthours)			
Total Electricity Net Generation	136,962	100.0	
Total Renewable Net Generation	30,286	22.1	
Geothermal	-	-	
Hydro Conventional	25,472	18.6	
Solar	-	-	
Wind	2,596	1.9	
Wood/Wood Waste	547	0.4	
MSW Biogenic/Landfill Gas	1,671	1.2	
Other Biomass	-	-	

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

New York

Energy Source	2006	2007	2008	2009	2010
Fossil	28,071	27,582	26,726	27,022	26,653
Coal	4,014	3,570	2,899	2,804	2,781
Petroleum	7,241	7,286	7,273	7,335	6,421
Natural Gas	16,816	16,727	16,554	16,882	17,407
Other Gases	-	-	-	-	45
Nuclear	5,156	5,156	5,264	5,262	5,271
Renewables	5,027	5,087	5,433	6,013	6,033
Pumped Storage	1,297	1,297	1,297	1,374	1,400
Other	-	-	-	-	-
Total	39,550	39,121	38,720	39,671	39,357

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

New York

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	4,307	4,301	4,299	4,310	4,314
Solar	-	-	-	-	-
Wind	370	425	707	1,274	1,274
Wood/Wood Waste	37	37	87	86	86
MSW/Landfill Gas	313	324	340	344	359
Other Biomass	-	-	-	-	-
Total	5,027	5,087	5,433	6,013	6,033

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

New York

Energy Source	2006	2007	2008	2009	2010
Fossil	69,880	75,234	66,756	57,187	64,503
Coal	20,968	21,406	19,154	12,759	13,583
Petroleum	6,778	8,195	3,745	2,648	2,005
Natural Gas	42,134	45,634	43,856	41,780	48,916
Other Gases	-	-	-	-	-
Nuclear	42,224	42,453	43,209	43,485	41,870
Renewables	29,941	28,028	30,042	32,082	30,286
Pumped Storage	-756	-768	-672	-480	-529
Other	977	932	987	877	832
Total	142,265	145,879	140,322	133,151	136,962

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

New York

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	27,345	25,253	26,723	27,615	25,472
Solar	-	-	-	-	-
Wind	655	833	1,251	2,266	2,596
Wood/Wood Waste	522	492	555	536	547
MSW Biogenic/Landfill Gas	1,410	1,442	1,513	1,665	1,671
Other Biomass	10	7	-	-	-
Total	29,941	28,028	30,042	32,082	30,286

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

North Carolina

Table 1. Summary renewable electric power industry statistics (2010)

North Carolina

Primary Renewable Energy Capacity Source	Hydro Conventional		
Primary Renewable Energy Generation Source	Hydro Conventional		
Capacity (megawatts)	Value	Percent of State Total	
Total Net Summer Electricity Capacity	27,674	100.0	
Total Net Summer Renewable Capacity	2,499	9.0	
Geothermal	-	-	
Hydro Conventional	1,956	7.1	
Solar	35	0.1	
Wind	-	-	
Wood/Wood Waste	481	1.7	
MSW/Landfill Gas	27	0.1	
Other Biomass	-	-	
Generation (thousand megawatthours)			
Total Electricity Net Generation	128,678	100.0	
Total Renewable Net Generation	6,840	5.3	
Geothermal	-	-	
Hydro Conventional	4,757	3.7	
Solar	11	*	
Wind	-	-	
Wood/Wood Waste	1,876	1.5	
MSW Biogenic/Landfill Gas	136	0.1	
Other Biomass	60	*	

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

North Carolina

Energy Source	2006	2007	2008	2009	2010
Fossil	19,673	20,247	20,305	20,230	20,081
Coal	13,113	13,068	13,069	12,952	12,766
Petroleum	563	564	558	560	573
Natural Gas	5,997	6,616	6,679	6,718	6,742
Other Gases	-	-	-	-	-
Nuclear	4,975	4,975	4,958	4,958	4,958
Renewables	2,292	2,301	2,294	2,294	2,499
Pumped Storage	84	84	90	86	86
Other	37	37	47	50	50
Total	27,061	27,644	27,694	27,618	27,674

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

North Carolina

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,954	1,960	1,952	1,952	1,956
Solar	-	-	3	3	35
Wind	-	-	-	-	-
Wood/Wood Waste	324	324	318	318	481
MSW/Landfill Gas	14	18	20	20	27
Other Biomass	-	-	-	-	-
Total	2,292	2,301	2,294	2,294	2,499

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

North Carolina

Energy Source	2006	2007	2008	2009	2010
Fossil	79,134	84,935	80,312	70,232	80,692
Coal	75,487	79,983	75,815	65,083	71,951
Petroleum	451	496	320	297	293
Natural Gas	3,196	4,457	4,177	4,852	8,447
Other Gases	-	-	-	-	-
Nuclear	39,963	40,045	39,776	40,848	40,740
Renewables	5,667	4,656	4,956	7,065	6,840
Pumped Storage	131	137	-121	43	-
Other	319	342	316	220	407
Total	125,215	130,115	125,239	118,407	128,678

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

North Carolina

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	3,839	2,984	3,034	5,171	4,757
Solar	-	-	2	5	11
Wind	-	-	-	-	-
Wood/Wood Waste	1,737	1,585	1,800	1,757	1,876
MSW Biogenic/Landfill Gas	88	86	102	120	136
Other Biomass	4	1	19	11	60
Total	5,667	4,656	4,956	7,065	6,840

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

North Dakota

Table 1. Summary renewable electric power industry statistics (2010)

North Dakota

Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	6,188	100.0
Total Net Summer Renewable Capacity	1,941	31.4
Geothermal	-	-
Hydro Conventional	508	8.2
Solar	-	-
Wind	1,423	23.0
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	10	0.2
Generation (thousand megawatthours)		
Total Electricity Net Generation	34,740	100.0
Total Renewable Net Generation	6,150	17.7
Geothermal	-	-
Hydro Conventional	2,042	5.9
Solar	-	-
Wind	4,096	11.8
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	-	-
Other Biomass	12	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

North Dakota

Energy Source	2006	2007	2008	2009	2010
Fossil	4,222	4,212	4,212	4,243	4,247
Coal	4,127	4,119	4,119	4,148	4,153
Petroleum	77	75	75	71	71
Natural Gas	10	10	10	15	15
Other Gases	8	8	8	8	8
Nuclear	-	-	-	-	-
Renewables	617	879	1,272	1,720	1,941
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	4,839	5,091	5,484	5,963	6,188

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

North Dakota

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	443	486	486	508	508
Solar	-	-	-	-	-
Wind	164	383	776	1,202	1,423
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	10	10	10	10	10
Total	617	879	1,272	1,720	1,941

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(megawatts)

North Dakota

Energy Source	2006	2007	2008	2009	2010
Fossil	28,987	29,283	29,721	29,712	28,552
Coal	28,879	29,164	29,672	29,607	28,462
Petroleum	42	51	49	45	38
Natural Gas	7	17	s	17	16
Other Gases	59	53	-	44	36
Nuclear	-	-	-	-	-
Renewables	1,894	1,940	2,959	4,484	6,150
Pumped Storage	-	-	-	-	-
Other	-	1	54	-	37
Total	30,881	31,224	32,735	34,196	34,740

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(megawatts)

North Dakota

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,521	1,305	1,253	1,475	2,042
Solar	-	-	-	-	-
Wind	369	621	1,693	2,998	4,096
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	4	14	13	12	12
Total	1,894	1,940	2,959	4,484	6,150

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Ohio

Table 1. Summary renewable electric power industry statistics (2010)

Ohio		
Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	33,071	100.0
Total Net Summer Renewable Capacity	231	0.7
Geothermal	-	-
Hydro Conventional	101	0.3
Solar	13	*
Wind	7	*
Wood/Wood Waste	60	0.2
MSW/Landfill Gas	48	0.1
Other Biomass	2	*
Generation (thousand megawatthours)		
Total Electricity Net Generation	143,598	100.0
Total Renewable Net Generation	1,129	0.8
Geothermal	-	-
Hydro Conventional	429	0.3
Solar	13	*
Wind	13	*
Wood/Wood Waste	399	0.3
MSW Biogenic/Landfill Gas	264	0.2
Other Biomass	12	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Ohio

Energy Source	2006	2007	2008	2009	2010
Fossil	31,582	31,418	31,154	31,189	30,705
Coal	22,264	22,074	21,815	21,858	21,360
Petroleum	1,057	1,075	1,047	1,047	1,019
Natural Gas	8,161	8,169	8,192	8,184	8,203
Other Gases	100	100	100	100	123
Nuclear	2,120	2,124	2,124	2,134	2,134
Renewables	175	213	214	216	231
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	33,877	33,755	33,492	33,539	33,071

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Ohio

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	101	101	101	101	101
Solar	-	-	-	-	13
Wind	7	7	7	7	7
Wood/Wood Waste	64	64	65	65	60
MSW/Landfill Gas	4	41	41	41	48
Other Biomass	-	-	-	1	2
Total	175	213	214	216	231

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Ohio

Energy Source	2006	2007	2008	2009	2010
Fossil	137,494	138,543	134,878	119,712	126,652
Coal	133,400	133,131	130,694	113,712	117,828
Petroleum	1,355	1,148	1,438	1,312	1,442
Natural Gas	2,379	3,975	2,484	4,650	7,128
Other Gases	360	289	261	37	254
Nuclear	16,847	15,764	17,514	15,206	15,805
Renewables	1,091	846	1,010	1,161	1,129
Pumped Storage	-	-	-	-	-
Other	3	3	11	11	12
Total	155,434	155,156	153,412	136,090	143,598

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Ohio

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	632	410	386	528	429
Solar	-	-	-	-	13
Wind	14	15	15	14	13
Wood/Wood Waste	410	399	418	410	399
MSW Biogenic/Landfill Gas	24	11	183	198	264
Other Biomass	10	10	8	11	12
Total	1,091	846	1,010	1,161	1,129

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Oklahoma

Table 1. Summary renewable electric power industry statistics (2010)

Oklahoma

Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	21,022	100.0
Total Net Summer Renewable Capacity	2,412	11.5
Geothermal	-	-
Hydro Conventional	858	4.1
Solar	-	-
Wind	1,480	7.0
Wood/Wood Waste	58	0.3
MSW/Landfill Gas	16	0.1
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	72,251	100.0
Total Renewable Net Generation	6,969	9.6
Geothermal	-	-
Hydro Conventional	2,809	3.9
Solar	-	-
Wind	3,808	5.3
Wood/Wood Waste	255	0.4
MSW Biogenic/Landfill Gas	-	0.0
Other Biomass	97	0.1

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Oklahoma

Energy Source	2006	2007	2008	2009	2010
Fossil	18,301	18,083	18,364	18,532	18,350
Coal	5,372	5,364	5,302	5,330	5,330
Petroleum	75	70	71	71	69
Natural Gas	12,854	12,649	12,985	13,125	12,951
Other Gases	-	-	6	6	-
Nuclear	-	-	-	-	-
Renewables	1,524	1,618	1,637	2,057	2,412
Pumped Storage	260	260	260	260	260
Other	-	-	-	-	-
Total	20,085	19,962	20,262	20,849	21,022

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Oklahoma

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	851	851	851	854	858
Solar	-	-	-	-	-
Wind	594	689	708	1,130	1,480
Wood/Wood Waste	63	63	63	58	58
MSW/Landfill Gas	16	16	16	16	16
Other Biomass	-	-	-	-	-
Total	1,524	1,618	1,637	2,057	2,412

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Oklahoma

Energy Source	2006	2007	2008	2009	2010
Fossil	68,093	67,765	70,122	68,700	65,435
Coal	35,032	34,438	36,315	34,059	31,475
Petroleum	64	160	23	9	18
Natural Gas	32,981	33,144	33,774	34,631	33,942
Other Gases	16	22	10	-	-
Nuclear	-	-	-	-	-
Renewables	2,633	5,195	6,362	6,482	6,969
Pumped Storage	-116	-166	-168	-117	-153
Other	5	25	13	2	-
Total	70,615	72,819	76,329	75,067	72,251

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Oklahoma

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	624	3,066	3,811	3,553	2,809
Solar	-	-	-	-	-
Wind	1,712	1,849	2,358	2,698	3,808
Wood/Wood Waste	297	276	23	68	255
MSW Biogenic/Landfill Gas	-	4	5	-	-
Other Biomass	-	-	164	163	97
Total	2,633	5,195	6,362	6,482	6,969

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Oregon

Table 1. Summary renewable electric power industry statistics (2010)

Oregon

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	14,261	100.0
Total Net Summer Renewable Capacity	10,684	74.9
Geothermal	-	-
Hydro Conventional	8,425	59.1
Solar	-	-
Wind	2,004	14.1
Wood/Wood Waste	221	1.6
MSW/Landfill Gas	31	0.2
Other Biomass	3	*

Generation (thousand megawatthours)

Total Electricity Net Generation	55,127	100.0
Total Renewable Net Generation	35,299	64.0
Geothermal	-	-
Hydro Conventional	30,542	55.4
Solar	-	-
Wind	3,920	7.1
Wood/Wood Waste	632	1.1
MSW Biogenic/Landfill Gas	205	0.4
Other Biomass	-	-

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 - 2010

(megawatts)

Oregon

Energy Source	2006	2007	2008	2009	2010
Fossil	3,349	3,686	3,653	3,626	3,577
Coal	585	585	585	585	585
Petroleum	-	-	-	-	-
Natural Gas	2,764	3,101	3,068	3,041	2,992
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	8,984	9,523	9,676	10,359	10,684
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	12,333	13,209	13,328	13,985	14,261

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 - 2010

(megawatts)

Oregon

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	8,374	8,385	8,364	8,430	8,425
Solar	-	-	-	-	-
Wind	399	885	1,059	1,659	2,004
Wood/Wood Waste	195	215	230	241	221
MSW/Landfill Gas	14	20	20	26	31
Other Biomass	3	18	3	3	3
Total	8,984	9,523	9,676	10,359	10,684

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 - 2010

(megawatts)

Oregon

Energy Source	2006	2007	2008	2009	2010
Fossil	13,621	19,224	21,446	19,338	19,781
Coal	2,371	4,352	4,044	3,197	4,126
Petroleum	12	14	15	8	3
Natural Gas	11,239	14,858	17,387	16,133	15,651
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	39,679	35,816	37,228	37,306	35,299
Pumped Storage	-	-	-	-	-
Other	40	38	44	47	47
Total	53,341	55,078	58,718	56,691	55,127

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 - 2010

(megawatts)

Oregon

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	37,850	33,587	33,805	33,034	30,542
Solar	-	-	-	-	-
Wind	931	1,247	2,575	3,470	3,920
Wood/Wood Waste	799	843	717	674	632
MSW Biogenic/Landfill Gas	71	100	131	128	205
Other Biomass	28	38	-	-	-
Total	39,679	35,816	37,228	37,306	35,299

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Pennsylvania

Table 1. Summary renewable electric power industry statistics (2010)

Pennsylvania

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	45,575	100.0
Total Net Summer Renewable Capacity	1,984	4.4
Geothermal	-	-
Hydro Conventional	747	1.6
Solar	9	*
Wind	696	1.5
Wood/Wood Waste	108	0.2
MSW/Landfill Gas	424	0.9
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	229,752	100.0
Total Renewable Net Generation	6,577	2.9
Geothermal	-	-
Hydro Conventional	2,332	1.0
Solar	8	*
Wind	1,854	0.8
Wood/Wood Waste	675	0.3
MSW Biogenic/Landfill Gas	1,706	0.7
Other Biomass	3	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Pennsylvania

Energy Source	2006	2007	2008	2009	2010
Fossil	32,893	32,751	32,654	32,663	32,530
Coal	18,771	18,581	18,513	18,539	18,481
Petroleum	4,664	4,660	4,540	4,533	4,534
Natural Gas	9,349	9,410	9,507	9,491	9,415
Other Gases	110	100	94	101	100
Nuclear	9,234	9,305	9,337	9,455	9,540
Renewables	1,365	1,529	1,619	1,971	1,984
Pumped Storage	1,513	1,521	1,521	1,521	1,521
Other	-	-	-	-	-
Total	45,005	45,106	45,130	45,611	45,575

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Pennsylvania

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	748	748	751	747	747
Solar	-	-	2	2	9
Wind	150	293	361	696	696
Wood/Wood Waste	108	108	108	108	108
MSW/Landfill Gas	359	379	397	419	424
Other Biomass	-	-	-	-	-
Total	1,365	1,529	1,619	1,971	1,984

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Pennsylvania

Energy Source	2006	2007	2008	2009	2010
Fossil	138,173	143,909	137,862	136,047	145,210
Coal	122,558	122,693	117,583	105,475	110,369
Petroleum	1,518	1,484	938	915	571
Natural Gas	13,542	19,198	18,731	29,215	33,718
Other Gases	554	534	610	443	552
Nuclear	75,298	77,376	78,658	77,328	77,828
Renewables	5,317	4,782	5,353	6,035	6,577
Pumped Storage	-698	-723	-354	-731	-708
Other	723	744	832	817	845
Total	218,812	226,088	222,351	219,496	229,752

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Pennsylvania

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	2,844	2,236	2,549	2,683	2,332
Solar	-	-	s	4	8
Wind	361	470	729	1,075	1,854
Wood/Wood Waste	683	620	658	694	675
MSW Biogenic/Landfill Gas	1,411	1,441	1,414	1,577	1,706
Other Biomass	18	16	2	3	3
Total	5,317	4,782	5,353	6,035	6,577

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Rhode Island

Table 1. Summary renewable electric power industry statistics (2010)

Rhode Island

Primary Renewable Energy Capacity Source	Municipal Solid Waste/Landfill Gas
Primary Renewable Energy Generation Source	Municipal Solid Waste/Landfill Gas

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	1,782	100.0
Total Net Summer Renewable Capacity	28	1.6
Geothermal	-	-
Hydro Conventional	3	0.2
Solar	-	-
Wind	2	0.1
Wood/Wood Waste	-	-
MSW/Landfill Gas	24	1.3
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	7,739	100.0
Total Renewable Net Generation	144	1.9
Geothermal	-	-
Hydro Conventional	4	*
Solar	-	-
Wind	3	*
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	137	1.8
Other Biomass	-	-

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Rhode Island

Energy Source	2006	2007	2008	2009	2010
Fossil	1,743	1,754	1,754	1,754	1,754
Coal	-	-	-	-	-
Petroleum	31	29	26	16	16
Natural Gas	1,712	1,725	1,728	1,738	1,738
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	28	28	26	26	28
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	1,771	1,782	1,780	1,780	1,782

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Rhode Island

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	4	4	3	3	3
Solar	-	-	-	-	-
Wind	-	-	-	-	2
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	24	24	24	24	24
Other Biomass	-	-	-	-	-
Total	28	28	26	26	28

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Rhode Island

Energy Source	2006	2007	2008	2009	2010
Fossil	5,813	6,891	7,224	7,547	7,595
Coal	-	-	-	-	-
Petroleum	33	34	26	17	12
Natural Gas	5,780	6,857	7,198	7,530	7,583
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	155	159	163	149	144
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	5,968	7,050	7,387	7,697	7,739

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Rhode Island

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	6	4	5	5	4
Solar	-	-	-	-	-
Wind	-	-	-	-	3
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	149	155	158	145	137
Other Biomass	-	-	-	-	-
Total	155	159	163	149	144

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

South Carolina

Table 1. Summary renewable electric power industry statistics (2010)

South Carolina

Primary Renewable Energy Capacity Source	Hydro Conventional		
Primary Renewable Energy Generation Source	Hydro Conventional		
Capacity (megawatts)	Value	Percent of State Total	
Total Net Summer Electricity Capacity	23,982	100.0	
Total Net Summer Renewable Capacity	1,623	6.8	
Geothermal	-	-	
Hydro Conventional	1,340	5.6	
Solar	-	-	
Wind	-	-	
Wood/Wood Waste	255	1.1	
MSW/Landfill Gas	29	0.1	
Other Biomass	-	-	
Generation (thousand megawatthours)			
Total Electricity Net Generation	104,153	100.0	
Total Renewable Net Generation	4,250	4.1	
Geothermal	-	-	
Hydro Conventional	2,376	2.3	
Solar	-	-	
Wind	-	-	
Wood/Wood Waste	1,742	1.7	
MSW Biogenic/Landfill Gas	131	0.1	
Other Biomass	-	-	

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

South Carolina

Energy Source	2006	2007	2008	2009	2010
Fossil	12,100	12,682	13,281	13,189	13,207
Coal	6,088	6,641	7,242	7,210	7,230
Petroleum	685	685	705	669	670
Natural Gas	5,327	5,355	5,335	5,311	5,308
Other Gases	-	-	-	-	-
Nuclear	6,472	6,472	6,472	6,486	6,486
Renewables	1,594	1,587	1,592	1,580	1,623
Pumped Storage	2,616	2,826	2,666	2,716	2,666
Other	-	-	-	-	-
Total	22,782	23,566	24,012	23,971	23,982

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

South Carolina

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,345	1,337	1,337	1,337	1,340
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	220	220	220	220	255
MSW/Landfill Gas	29	29	35	23	29
Other Biomass	-	-	-	-	-
Total	1,594	1,587	1,592	1,580	1,623

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

South Carolina

Energy Source	2006	2007	2008	2009	2010
Fossil	45,778	47,765	47,449	44,781	48,789
Coal	39,473	41,583	41,540	34,478	37,671
Petroleum	237	217	180	523	191
Natural Gas	6,068	5,965	5,729	9,780	10,927
Other Gases	s	s	-	-	-
Nuclear	50,797	53,200	51,763	52,150	51,988
Renewables	3,717	3,552	2,939	4,080	4,250
Pumped Storage	-1,120	-1,211	-1,267	-976	-935
Other	95	96	94	91	61
Total	99,268	103,402	100,978	100,125	104,153

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

South Carolina

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,807	1,556	1,123	2,332	2,376
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,804	1,895	1,696	1,611	1,742
MSW Biogenic/Landfill Gas	106	101	120	137	131
Other Biomass	-	-	-	-	-
Total	3,717	3,552	2,939	4,080	4,250

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

South Dakota

Table 1. Summary renewable electric power industry statistics (2010)

South Dakota

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	3,623	100.0
Total Net Summer Renewable Capacity	2,223	61.3
Geothermal	-	-
Hydro Conventional	1,594	44.0
Solar	-	-
Wind	629	17.3
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	10,050	100.0
Total Renewable Net Generation	6,611	65.8
Geothermal	-	-
Hydro Conventional	5,239	52.1
Solar	-	-
Wind	1,372	13.6
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	-	-
Other Biomass	-	0.0

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

South Dakota

Energy Source	2006	2007	2008	2009	2010
Fossil	1,374	1,364	1,449	1,448	1,401
Coal	492	492	497	497	497
Petroleum	232	226	230	230	228
Natural Gas	649	645	722	722	676
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,559	1,506	1,656	1,914	2,223
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	2,933	2,870	3,105	3,362	3,623

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

South Dakota

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,516	1,463	1,463	1,594	1,594
Solar	-	-	-	-	-
Wind	43	43	193	320	629
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	1,559	1,506	1,656	1,914	2,223

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

South Dakota

Energy Source	2006	2007	2008	2009	2010
Fossil	3,586	3,069	3,912	3,306	3,439
Coal	3,316	2,655	3,660	3,217	3,298
Petroleum	5	63	23	8	6
Natural Gas	266	351	229	80	135
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	3,546	3,067	3,140	4,859	6,611
Pumped Storage	-	-	-	-	-
Other	s	s	31	31	-
Total	7,132	6,137	7,083	8,197	10,050

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

South Dakota

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	3,397	2,917	2,993	4,432	5,239
Solar	-	-	-	-	-
Wind	149	150	145	421	1,372
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	2	6	-
Total	3,546	3,067	3,140	4,859	6,611

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Tennessee

Table 1. Summary renewable electric power industry statistics (2010)

Tennessee

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	21,417	100.0
Total Net Summer Renewable Capacity	2,847	13.3
Geothermal	-	-
Hydro Conventional	2,624	12.3
Solar	-	-
Wind	29	0.1
Wood/Wood Waste	185	0.9
MSW/Landfill Gas	6	*
Other Biomass	2	*

Generation (thousand megawatthours)

Total Electricity Net Generation	82,349	100.0
Total Renewable Net Generation	9,125	11.1
Geothermal	-	-
Hydro Conventional	8,138	9.9
Solar	-	-
Wind	41	*
Wood/Wood Waste	914	1.1
MSW Biogenic/Landfill Gas	23	*
Other Biomass	11	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Tennessee

Energy Source	2006	2007	2008	2009	2010
Fossil	13,051	12,974	12,999	12,982	13,517
Coal	8,841	8,816	8,841	8,805	8,805
Petroleum	58	58	58	58	58
Natural Gas	4,153	4,101	4,101	4,120	4,655
Other Gases	-	-	-	-	-
Nuclear	3,398	3,397	3,397	3,401	3,401
Renewables	2,821	2,838	2,842	2,817	2,847
Pumped Storage	1,635	1,653	1,653	1,653	1,653
Other	-	-	-	-	-
Total	20,905	20,861	20,891	20,852	21,417

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Tennessee

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	2,638	2,635	2,639	2,614	2,624
Solar	-	-	-	-	-
Wind	29	29	29	29	29
Wood/Wood Waste	147	165	165	165	185
MSW/Landfill Gas	5	8	8	8	6
Other Biomass	2	2	2	2	2
Total	2,821	2,838	2,842	2,817	2,847

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Tennessee

Energy Source	2006	2007	2008	2009	2010
Fossil	61,336	61,205	57,753	42,242	46,203
Coal	60,498	60,237	57,058	41,633	43,670
Petroleum	160	232	216	187	217
Natural Gas	664	722	467	409	2,302
Other Gases	14	13	12	12	13
Nuclear	24,679	28,700	27,030	26,962	27,739
Renewables	8,559	5,910	6,611	11,162	9,125
Pumped Storage	-668	-704	-739	-650	-721
Other	5	3	8	1	3
Total	93,911	95,113	90,663	79,717	82,349

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Tennessee

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	7,749	4,940	5,646	10,212	8,138
Solar	-	-	-	-	-
Wind	55	50	50	52	41
Wood/Wood Waste	698	868	879	862	914
MSW Biogenic/Landfill Gas	24	19	27	29	23
Other Biomass	35	33	9	7	11
Total	8,559	5,910	6,611	11,162	9,125

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Texas

Table 1. Summary renewable electric power industry statistics (2010)

Texas		
Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	108,258	100.0
Total Net Summer Renewable Capacity	10,985	10.1
Geothermal	-	-
Hydro Conventional	689	0.6
Solar	14	*
Wind	9,952	9.2
Wood/Wood Waste	215	0.2
MSW/Landfill Gas	88	0.1
Other Biomass	28	*
Generation (thousand megawatthours)		
Total Electricity Net Generation	411,695	100.0
Total Renewable Net Generation	28,967	7.0
Geothermal	-	-
Hydro Conventional	1,262	0.3
Solar	8	*
Wind	26,251	6.4
Wood/Wood Waste	900	0.2
MSW Biogenic/Landfill Gas	449	0.1
Other Biomass	96	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Texas

Energy Source	2006	2007	2008	2009	2010
Fossil	92,088	91,494	91,450	87,547	92,136
Coal	19,843	19,817	20,189	20,247	22,335
Petroleum	220	216	218	221	204
Natural Gas	71,737	71,152	70,856	66,896	69,291
Other Gases	287	308	187	184	306
Nuclear	4,860	4,860	4,927	4,927	4,966
Renewables	3,607	5,385	8,380	10,354	10,985
Pumped Storage	-	-	-	-	-
Other	200	199	209	209	171
Total	100,754	101,938	104,966	103,037	108,258

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Texas

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	681	673	673	689	689
Solar	-	-	-	-	14
Wind	2,738	4,490	7,427	9,378	9,952
Wood/Wood Waste	130	130	180	180	215
MSW/Landfill Gas	42	72	73	79	88
Other Biomass	16	21	29	28	28
Total	3,607	5,385	8,380	10,354	10,985

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Texas

Energy Source	2006	2007	2008	2009	2010
Fossil	349,849	351,720	344,813	333,227	341,054
Coal	146,391	147,279	147,132	139,107	150,173
Petroleum	1,789	1,309	1,034	1,405	708
Natural Gas	197,870	199,531	193,247	189,066	186,882
Other Gases	3,798	3,601	3,401	3,649	3,291
Nuclear	41,264	40,955	40,727	41,498	41,335
Renewables	8,480	11,932	18,679	22,133	28,967
Pumped Storage	-	-	-	-	-
Other	989	885	569	310	339
Total	400,583	405,492	404,788	397,168	411,695

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Texas

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	662	1,644	1,039	1,029	1,262
Solar	-	-	-	-	8
Wind	6,671	9,006	16,225	20,026	26,251
Wood/Wood Waste	892	914	976	649	900
MSW Biogenic/Landfill Gas	219	322	401	398	449
Other Biomass	37	45	38	31	96
Total	8,480	11,932	18,679	22,133	28,967

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Utah

Table 1. Summary renewable electric power industry statistics (2010)

Utah		
Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	7,497	100.0
Total Net Summer Renewable Capacity	528	7.0
Geothermal	42	0.6
Hydro Conventional	255	3.4
Solar	-	-
Wind	222	3.0
Wood/Wood Waste	-	-
MSW/Landfill Gas	9	0.1
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	42,249	100.0
Total Renewable Net Generation	1,476	3.5
Geothermal	277	0.7
Hydro Conventional	696	1.6
Solar	-	-
Wind	448	1.1
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	56	0.1
Other Biomass	-	-

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Utah

Energy Source	2006	2007	2008	2009	2010
Fossil	6,398	6,830	6,819	6,897	6,969
Coal	4,891	4,871	4,871	4,871	4,903
Petroleum	35	25	25	25	23
Natural Gas	1,473	1,934	1,923	2,002	2,042
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	282	293	313	521	528
Pumped Storage	-	-	-	-	-
Other	32	-	-	-	-
Total	6,712	7,122	7,132	7,418	7,497

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Utah

Energy Source	2006	2007	2008	2009	2010
Geothermal	23	33	34	34	42
Hydro Conventional	255	255	256	256	255
Solar	-	-	-	-	-
Wind	-	-	19	222	222
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	4	5	5	9	9
Other Biomass	-	-	-	-	-
Total	282	293	313	521	528

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Utah

Energy Source	2006	2007	2008	2009	2010
Fossil	40,306	44,634	45,466	42,034	40,599
Coal	36,856	37,171	38,020	35,526	34,057
Petroleum	62	39	44	36	50
Natural Gas	3,389	7,424	7,366	6,444	6,455
Other Gases	-	-	36	28	36
Nuclear	-	-	-	-	-
Renewables	952	734	970	1,322	1,476
Pumped Storage	-	-	-	-	-
Other	5	5	143	187	174
Total	41,263	45,373	46,579	43,543	42,249

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Utah

Energy Source	2006	2007	2008	2009	2010
Geothermal	191	164	254	279	277
Hydro Conventional	747	539	668	835	696
Solar	-	-	-	-	-
Wind	-	-	24	160	448
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	15	31	24	48	56
Other Biomass	-	-	-	-	-
Total	952	734	970	1,322	1,476

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Vermont

Table 1. Summary renewable electric power industry statistics (2010)

Vermont

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	1,128	100.0
Total Net Summer Renewable Capacity	408	36.2
Geothermal	-	-
Hydro Conventional	324	28.7
Solar	-	-
Wind	5	0.5
Wood/Wood Waste	76	6.7
MSW/Landfill Gas	3	0.3
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	6,620	100.0
Total Renewable Net Generation	1,829	27.6
Geothermal	-	-
Hydro Conventional	1,347	20.3
Solar	-	-
Wind	14	0.2
Wood/Wood Waste	443	6.7
MSW Biogenic/Landfill Gas	25	0.4
Other Biomass	-	-

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Vermont

Energy Source	2006	2007	2008	2009	2010
Fossil	108	101	101	100	100
Coal	-	-	-	-	-
Petroleum	108	101	101	100	100
Natural Gas	-	-	-	-	-
Other Gases	-	-	-	-	-
Nuclear	620	620	620	620	620
Renewables	390	389	406	406	408
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	1,117	1,111	1,127	1,126	1,128

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Vermont

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	309	308	322	322	324
Solar	-	-	-	-	-
Wind	5	5	5	5	5
Wood/Wood Waste	76	76	76	76	76
MSW/Landfill Gas	-	-	3	3	3
Other Biomass	-	-	-	-	-
Total	390	389	406	406	408

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Vermont

Energy Source	2006	2007	2008	2009	2010
Fossil	9	10	7	7	8
Coal	-	-	-	-	-
Petroleum	7	8	4	2	5
Natural Gas	2	2	3	4	4
Other Gases	-	-	-	-	-
Nuclear	5,107	4,704	4,895	5,361	4,782
Renewables	1,969	1,110	1,918	1,915	1,829
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	7,084	5,824	6,820	7,282	6,620

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Vermont

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,519	647	1,493	1,486	1,347
Solar	-	-	-	-	-
Wind	11	11	10	12	14
Wood/Wood Waste	439	453	415	393	443
MSW Biogenic/Landfill Gas	-	-	-	24	25
Other Biomass	-	-	-	-	-
Total	1,969	1,110	1,918	1,915	1,829

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Virginia

Table 1. Summary renewable electric power industry statistics (2010)

Virginia

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	24,109	100.0
Total Net Summer Renewable Capacity	1,487	6.2
Geothermal	-	-
Hydro Conventional	866	3.6
Solar	-	-
Wind	-	-
Wood/Wood Waste	331	1.4
MSW/Landfill Gas	290	1.2
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	72,966	100.0
Total Renewable Net Generation	3,720	5.1
Geothermal	-	-
Hydro Conventional	1,500	2.1
Solar	-	-
Wind	-	-
Wood/Wood Waste	1,404	1.9
MSW Biogenic/Landfill Gas	802	1.1
Other Biomass	14	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Virginia

Energy Source	2006	2007	2008	2009	2010
Fossil	14,968	15,080	15,543	15,740	15,880
Coal	5,774	5,794	5,773	5,777	5,868
Petroleum	2,386	2,418	2,418	2,427	2,432
Natural Gas	6,809	6,869	7,351	7,536	7,581
Other Gases	-	-	-	-	-
Nuclear	3,432	3,404	3,404	3,404	3,501
Renewables	1,251	1,347	1,368	1,403	1,487
Pumped Storage	2,997	3,161	3,161	3,241	3,241
Other	-	-	-	-	-
Total	22,648	22,992	23,476	23,788	24,109

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Virginia

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	671	675	677	716	866
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	410	418	422	409	331
MSW/Landfill Gas	170	254	269	278	290
Other Biomass	-	-	-	-	-
Total	1,251	1,347	1,368	1,403	1,487

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Virginia

Energy Source	2006	2007	2008	2009	2010
Fossil	42,343	48,422	42,242	38,888	43,751
Coal	34,288	35,421	31,776	25,599	25,459
Petroleum	839	2,097	1,150	1,088	1,293
Natural Gas	7,215	10,904	9,315	12,201	16,999
Other Gases	-	-	-	-	-
Nuclear	27,594	27,268	27,931	28,212	26,572
Renewables	3,810	3,814	3,709	3,896	3,720
Pumped Storage	-1,167	-1,620	-1,638	-1,335	-1,491
Other	491	477	434	420	414
Total	73,070	78,361	72,679	70,082	72,966

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Virginia

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,351	1,248	1,011	1,479	1,500
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,780	1,792	1,916	1,708	1,404
MSW Biogenic/Landfill Gas	662	753	761	695	802
Other Biomass	17	20	21	14	14
Total	3,810	3,814	3,709	3,896	3,720

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Washington

Table 1. Summary renewable electric power industry statistics (2010)

Washington

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	30,478	100.0
Total Net Summer Renewable Capacity	23,884	78.4
Geothermal	-	-
Hydro Conventional	21,181	69.5
Solar	1	*
Wind	2,296	7.5
Wood/Wood Waste	368	1.2
MSW/Landfill Gas	39	0.1
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	103,473	100.0
Total Renewable Net Generation	74,905	72.4
Geothermal	-	-
Hydro Conventional	68,288	66.0
Solar	-	0.0
Wind	4,745	4.6
Wood/Wood Waste	1,676	1.6
MSW Biogenic/Landfill Gas	185	0.2
Other Biomass	11	*

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Washington

Energy Source	2006	2007	2008	2009	2010
Fossil	4,436	4,343	5,130	5,145	5,183
Coal	1,405	1,405	1,376	1,376	1,340
Petroleum	40	4	4	5	15
Natural Gas	2,991	2,933	3,750	3,764	3,828
Other Gases	-	-	-	-	-
Nuclear	1,131	1,131	1,131	1,131	1,097
Renewables	22,343	22,828	22,919	23,504	23,884
Pumped Storage	314	314	314	314	314
Other	-	-	-	-	-
Total	28,224	28,615	29,494	30,095	30,478

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

Washington

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	21,156	21,333	21,203	21,088	21,181
Solar	-	1	1	1	1
Wind	821	1,162	1,365	2,006	2,296
Wood/Wood Waste	326	296	314	369	368
MSW/Landfill Gas	35	36	36	41	39
Other Biomass	4	-	-	-	-
Total	22,343	22,828	22,919	23,504	23,884

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Washington

Energy Source	2006	2007	2008	2009	2010
Fossil	14,255	16,215	18,879	19,747	19,211
Coal	6,373	8,557	8,762	7,478	8,527
Petroleum	38	37	35	54	32
Natural Gas	7,495	7,287	9,809	11,971	10,359
Other Gases	349	334	272	245	292
Nuclear	9,328	8,109	9,270	6,634	9,241
Renewables	84,510	82,560	82,575	77,977	74,905
Pumped Storage	47	45	49	52	53
Other	62	62	56	59	62
Total	108,203	106,990	110,828	104,470	103,473

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Washington

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	82,008	78,829	77,637	72,933	68,288
Solar	-	-	-	-	-
Wind	1,038	2,438	3,657	3,572	4,745
Wood/Wood Waste	1,281	1,116	1,113	1,305	1,676
MSW Biogenic/Landfill Gas	165	163	156	156	185
Other Biomass	19	13	12	11	11
Total	84,510	82,560	82,575	77,977	74,905

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

West Virginia

Table 1. Summary renewable electric power industry statistics (2010)

West Virginia

Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Hydro Conventional	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	16,495	100.0
Total Net Summer Renewable Capacity	715	4.3
Geothermal	-	-
Hydro Conventional	285	1.7
Solar	-	-
Wind	431	2.6
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	80,789	100.0
Total Renewable Net Generation	2,307	2.9
Geothermal	-	-
Hydro Conventional	1,367	1.7
Solar	-	-
Wind	939	1.2
Wood/Wood Waste	-	0.0
MSW Biogenic/Landfill Gas	-	-
Other Biomass	-	0.0

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

West Virginia

Energy Source	2006	2007	2008	2009	2010
Fossil	16,113	15,769	15,756	15,766	15,779
Coal	14,745	14,715	14,703	14,713	14,713
Petroleum	12	12	11	11	11
Natural Gas	1,357	1,042	1,042	1,042	1,056
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	330	330	594	594	715
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	16,443	16,099	16,350	16,360	16,495

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

West Virginia

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	264	264	264	264	285
Solar	-	-	-	-	-
Wind	66	66	330	330	431
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	330	330	594	594	715

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

West Virginia

Energy Source	2006	2007	2008	2009	2010
Fossil	92,063	92,511	89,481	68,395	78,482
Coal	91,473	91,866	89,113	68,080	78,148
Petroleum	175	200	137	169	155
Natural Gas	362	389	180	109	140
Other Gases	53	56	50	36	40
Nuclear	-	-	-	-	-
Renewables	1,746	1,422	1,640	2,388	2,307
Pumped Storage	-	-	-	-	-
Other	6	s	2	s	1
Total	93,816	93,933	91,123	70,783	80,789

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

West Virginia

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,572	1,254	1,248	1,646	1,367
Solar	-	-	-	-	-
Wind	174	168	392	742	939
Wood/Wood Waste	-	-	s	-1	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	s	-	-	s	-
Total	1,746	1,422	1,640	2,388	2,307

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Wisconsin

Table 1. Summary renewable electric power industry statistics (2010)

Wisconsin

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
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Total Net Summer Electricity Capacity	17,836	100.0
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Total Net Summer Renewable Capacity	1,267	7.1
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Geothermal	-	-
Hydro Conventional	492	2.8
Solar	-	-
Wind	449	2.5
Wood/Wood Waste	239	1.3
MSW/Landfill Gas	76	0.4
Other Biomass	12	0.1

Generation (thousand megawatthours)

Total Electricity Net Generation	64,314	100.0
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Total Renewable Net Generation	4,586	7.1
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Geothermal	-	-
Hydro Conventional	2,112	3.3
Solar	-	-
Wind	1,088	1.7
Wood/Wood Waste	878	1.4
MSW Biogenic/Landfill Gas	470	0.7
Other Biomass	38	0.1

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Wisconsin

Energy Source	2006	2007	2008	2009	2010
Fossil	14,000	13,926	15,015	14,928	14,964
Coal	7,063	6,945	7,597	7,519	8,063
Petroleum	881	949	874	873	790
Natural Gas	6,056	6,032	6,544	6,536	6,110
Other Gases	-	-	-	-	-
Nuclear	1,582	1,582	1,582	1,583	1,584
Renewables	813	836	1,003	1,212	1,267
Pumped Storage	-	-	-	-	-
Other	21	21	21	21	21
Total	16,415	16,365	17,622	17,744	17,836

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Wisconsin

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	476	488	485	492	492
Solar	-	-	-	-	-
Wind	53	44	231	430	449
Wood/Wood Waste	220	232	208	208	239
MSW/Landfill Gas	62	71	72	72	76
Other Biomass	1	1	8	11	12
Total	813	836	1,003	1,212	1,267

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Wisconsin

Energy Source	2006	2007	2008	2009	2010
Fossil	46,352	47,530	47,881	43,477	46,384
Coal	40,116	40,028	41,706	37,280	40,169
Petroleum	877	1,013	931	712	718
Natural Gas	5,358	6,489	5,244	5,484	5,497
Other Gases	-	-	-	-	s
Nuclear	12,234	12,910	12,155	12,683	13,281
Renewables	2,944	2,846	3,370	3,734	4,586
Pumped Storage	-	-	-	-	-
Other	110	104	74	65	63
Total	61,640	63,391	63,480	59,959	64,314

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Wisconsin

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,679	1,516	1,616	1,394	2,112
Solar	-	-	-	-	-
Wind	101	109	487	1,052	1,088
Wood/Wood Waste	774	785	775	769	878
MSW Biogenic/Landfill Gas	375	414	474	489	470
Other Biomass	16	21	18	30	38
Total	2,944	2,846	3,370	3,734	4,586

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Wyoming

Table 1. Summary renewable electric power industry statistics (2010)

Wyoming

Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	7,986	100.0
Total Net Summer Renewable Capacity	1,722	21.6
Geothermal	-	-
Hydro Conventional	307	3.8
Solar	-	-
Wind	1,415	17.7
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	48,119	100.0
Total Renewable Net Generation	4,271	8.9
Geothermal	-	-
Hydro Conventional	1,024	2.1
Solar	-	-
Wind	3,247	6.7
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	-	-
Other Biomass	-	-

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

Wyoming

Energy Source	2006	2007	2008	2009	2010
Fossil	6,105	6,065	6,150	6,147	6,253
Coal	5,847	5,847	5,932	5,929	6,035
Petroleum	6	7	7	7	7
Natural Gas	160	120	120	120	120
Other Gases	92	92	92	92	92
Nuclear	-	-	-	-	-
Renewables	590	590	983	1,408	1,722
Pumped Storage	-	-	-	-	-
Other	12	12	12	12	12
Total	6,707	6,667	7,145	7,566	7,986

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable electric power industry net summer capacity, by energy source, 2006 – 2010

(megawatts)

West Virginia

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	264	264	264	264	285
Solar	-	-	-	-	-
Wind	66	66	330	330	431
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	330	330	594	594	715

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Wyoming

Energy Source	2006	2007	2008	2009	2010
Fossil	43,749	44,080	44,635	42,777	43,781
Coal	42,892	43,127	43,808	41,954	42,987
Petroleum	46	47	44	50	56
Natural Gas	501	594	495	488	459
Other Gases	310	312	289	284	279
Nuclear	-	-	-	-	-
Renewables	1,602	1,484	1,798	3,193	4,271
Pumped Storage	-	-	-	-	-
Other	49	69	67	60	68
Total	45,400	45,633	46,500	46,029	48,119

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

Wyoming

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	843	729	835	967	1,024
Solar	-	-	-	-	-
Wind	759	755	963	2,226	3,247
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	1,602	1,484	1,798	3,193	4,271

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

United States

Table 1. Summary renewable electric power industry statistics (2010)

United States

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of U.S. Total
Total Net Summer Electricity Capacity	1,039,137	100.0
Total Net Summer Renewable Capacity	132,711	12.8
Geothermal	2,405	0.2
Hydro Conventional	78,825	7.6
Solar	941	0.1
Wind	39,135	3.8
Wood/Wood Waste	7,037	0.7
MSW/Landfill Gas	3,690	0.4
Other Biomass	678	0.1

Generation (thousand megawatthours)

Total Electricity Net Generation	4,125,060	100.0
Total Renewable Net Generation	427,376	10.4
Geothermal	15,219	0.4
Hydro Conventional	260,203	6.3
Solar	1,212	*
Wind	94,652	2.3
Wood/Wood Waste	37,172	0.9
MSW Biogenic/Landfill Gas	16,304	0.4
Other Biomass	2,613	0.1

* = Absolute percentage less than 0.05.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State total electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

United States

Energy Source	2006	2007	2008	2009	2010
Fossil	761,603	763,994	770,221	774,279	782,176
Coal	312,956	312,738	313,322	314,294	316,800
Petroleum	58,097	56,068	57,445	56,781	55,647
Natural Gas	388,294	392,876	397,460	401,272	407,028
Other Gases	2,256	2,313	1,995	1,932	2,700
Nuclear	100,334	100,266	100,755	101,004	101,167
Renewables	101,934	107,954	116,396	127,070	132,711
Pumped Storage	21,461	21,886	21,858	22,160	22,199
Other	882	788	942	888	884
Total	986,215	994,888	1,010,171	1,025,400	1,039,137

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable electric power industry net summer capacity, by energy source, 2006 – 2010
(megawatts)

United States

Energy Source	2006	2007	2008	2009	2010
Geothermal	2,274	2,214	2,229	2,382	2,405
Hydro Conventional	77,821	77,885	77,930	78,518	78,825
Solar	411	502	536	619	941
Wind	11,329	16,515	24,651	34,296	39,135
Wood/Wood Waste	6,372	6,704	6,864	6,939	7,037
MSW/Landfill Gas	3,166	3,536	3,644	3,645	3,690
Other Biomass	561	598	542	671	678
Total	101,934	107,954	116,396	127,070	132,711

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. State total electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

United States

Energy Source	2006	2007	2008	2009	2010
Fossil	2,885,295	2,992,238	2,926,731	2,726,452	2,883,361
Coal	1,990,511	2,016,456	1,985,801	1,755,904	1,847,290
Petroleum	64,166	65,739	46,243	38,937	37,061
Natural Gas	816,441	896,590	882,981	920,979	987,697
Other Gases	14,177	13,453	11,707	10,632	11,313
Nuclear	787,219	806,425	806,208	798,855	806,968
Renewables	385,772	352,747	380,932	417,724	427,376
Pumped Storage	-6,558	-6,896	-6,288	-4,627	-5,501
Other	12,974	12,231	11,804	11,928	12,855
Total	4,064,702	4,156,745	4,119,388	3,950,331	4,125,060

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

Table 5. State renewable electric power industry net generation, by energy source, 2006 – 2010

(thousand megawatthours)

United States

Energy Source	2006	2007	2008	2009	2010
Geothermal	14,568	14,637	14,840	15,009	15,219
Hydro Conventional	289,246	247,510	254,831	273,445	260,203
Solar	508	612	864	891	1,212
Wind	26,589	34,450	55,363	73,886	94,652
Wood/Wood Waste	38,762	39,014	37,300	36,050	37,172
MSW Biogenic/Landfill Gas	14,155	14,462	15,253	15,982	16,304
Other Biomass	1,944	2,063	2,481	2,461	2,613
Total	385,772	352,747	380,932	417,724	427,376

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.