



U.S. Energy Information
Administration

State Renewable Electricity Profiles 2009

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Preface

The State Renewable Electricity Profiles 2009 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 2005 through 2009.

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; Energy Information Administration (EIA); U.S. Department of Energy.

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Alabama

Table 1. Summary Renewable Electric Power Industry Statistics (2009)

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	31,389	100.0
Total Net Summer Renewable Capacity	3,863	12.3
Geothermal	-	-
Hydro Conventional	3,272	10.4
Solar	-	-
Wind	-	-
Wood/Wood Waste	591	1.9
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	143,256	100.0
Total Renewable Net Generation	15,585	10.9
Geothermal	-	-
Hydro Conventional	12,535	8.8
Solar	-	-
Wind	-	-
Wood/Wood Waste	3,035	2.1
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, 2005 - 2009**Alabama (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	21,893	21,804	21,784	22,372	22,540
Coal	11,592	11,557	11,544	11,506	11,486
Petroleum	43	43	43	43	43
Natural Gas	10,159	10,104	10,098	10,724	10,912
Other Gases	100	100	100	100	100
Nuclear	5,008	5,008	4,985	4,985	4,985
Renewables	3,793	3,852	3,846	3,865	3,863
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	30,694	30,664	30,614	31,222	31,389

- = 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, 2005 - 2009**Alabama**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	3,240	3,271	3,272	3,272	3,272
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	553	581	574	593	591
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	3,793	3,852	3,846	3,865	3,863

- = 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, 2005 - 2009**Alabama (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	92,438	97,827	101,561	97,376	87,580
Coal	78,128	78,109	77,994	74,605	55,609
Petroleum	333	180	157	204	219
Natural Gas	13,869	19,407	23,232	22,363	31,617
Other Gases	107	131	178	204	135
Nuclear	31,694	31,911	34,325	38,993	39,716
Renewables	13,791	11,136	7,937	9,493	15,585
Pumped Storage	-	-	-	-	-
Other	25	21	4	8	374
Total	137,949	140,895	143,826	145,870	143,256

- = 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, 2005 - 2009**Alabama (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	10,145	7,252	4,136	6,136	12,535
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	3,630	3,865	3,784	3,324	3,035
MSW Biogenic/Landfill Gas	4	4	4	-	-
Other Biomass	13	16	13	34	14
Total	13,791	11,136	7,937	9,493	15,585

- = 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 (2009)

Alaska

		Hydro Conventional
		Hydro Conventional
Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	2,012	100.0
Total Net Summer Renewable Capacity	422	21.0
Geothermal	-	-
Hydro Conventional	414	20.6
Solar	-	-
Wind	7	0.4
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	6,702	100.0
Total Renewable Net Generation	1,337	20.0
Geothermal	-	-
Hydro Conventional	1,324	19.8
Solar	-	-
Wind	7	0.1
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	-	-
Other Biomass	7	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, 2005 - 2009**Alaska (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	1,484	1,485	1,561	1,593	1,591
Coal	105	105	105	112	111
Petroleum	574	575	622	643	644
Natural Gas	805	805	834	838	836
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	406	400	400	403	422
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	1,890	1,884	1,961	1,995	2,012

- = 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, 2005 - 2009**Alaska (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	397	397	397	400	414
Solar	-	-	-	-	-
Wind	10	3	3	3	7
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	406	400	400	403	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, 2005 - 2009**Alaska (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	5,107	5,443	5,519	5,598	5,365
Coal	624	617	641	618	631
Petroleum	759	768	1,010	978	1,157
Natural Gas	3,724	4,058	3,868	4,002	3,577
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,470	1,231	1,302	1,177	1,337
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	6,577	6,674	6,821	6,775	6,702

- = 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, 2005 - 2009**Alaska (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,464	1,224	1,291	1,172	1,324
Solar	-	-	-	-	-
Wind	1	1	1	s	7
Wood/Wood Waste	s	1	s	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	5	6	10	5	7
Total	1,470	1,231	1,302	1,177	1,337

- = 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

Arizona

Primary Renewable Energy Capacity Source
Primary Renewable Energy Generation Source

Hydro Conventional
Hydro Conventional

Table 1. Summary Renewable Electric Power Industry Statistics (2009)

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	26,335	100.0
Total Net Summer Renewable Capacity	2,826	10.7
Geothermal	-	-
Hydro Conventional	2,720	10.3
Solar	11	*
Wind	63	0.2
Wood/Wood Waste	29	0.1
MSW/Landfill Gas	4	*
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	111,971	100.0
Total Renewable Net Generation	6,630	5.9
Geothermal	-	-
Hydro Conventional	6,427	5.7
Solar	14	*
Wind	30	*
Wood/Wood Waste	137	0.1
MSW Biogenic/Landfill Gas	18	*
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, 2005 - 2009**Arizona (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	18,077	18,784	18,756	18,942	19,351
Coal	5,430	5,830	5,818	5,818	6,227
Petroleum	112	90	93	93	93
Natural Gas	12,535	12,864	12,845	13,031	13,031
Other Gases	-	-	-	-	-
Nuclear	3,875	3,872	3,872	3,942	3,942
Renewables	2,736	2,736	2,736	2,762	2,826
Pumped Storage	216	216	216	216	216
Other	-	-	-	-	-
Total	24,904	25,608	25,579	25,861	26,335

- = 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, 2005 - 2009**Arizona (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	2,720	2,720	2,720	2,720	2,720
Solar	9	9	9	9	11
Wind	-	-	-	-	63
Wood/Wood Waste	3	3	3	29	29
MSW/Landfill Gas	4	4	4	4	4
Other Biomass	-	-	-	-	-
Total	2,736	2,736	2,736	2,762	2,826

- = 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.

Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2005 - 2009**Arizona (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	69,080	73,385	79,794	82,715	74,509
Coal	40,144	40,443	41,275	43,840	39,707
Petroleum	43	73	49	52	63
Natural Gas	28,893	32,869	38,469	38,822	34,739
Other Gases	-	-	-	-	-
Nuclear	25,807	24,012	26,782	29,250	30,662
Renewables	6,484	6,846	6,639	7,400	6,630
Pumped Storage	107	149	125	95	169
Other	-	-	-	-	2
Total	101,479	104,393	113,341	119,459	111,971

- = 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, 2005 - 2009**Arizona (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	6,410	6,793	6,598	7,286	6,427
Solar	14	13	9	15	14
Wind	-	-	-	-	30
Wood/Wood Waste	12	8	-	76	137
MSW Biogenic/Landfill Gas	45	28	29	19	18
Other Biomass	4	4	4	4	4
Total	6,484	6,846	6,639	7,400	6,630

- = 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 (2009)

Arkansas

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	15,275	100.0
Total Net Summer Renewable Capacity	1,659	10.9
Geothermal	-	-
Hydro Conventional	1,337	8.8
Solar	-	-
Wind	-	-
Wood/Wood Waste	312	2.0
MSW/Landfill Gas	5	*
Other Biomass	6	*
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	57,458	100.0
Total Renewable Net Generation	5,778	10.1
Geothermal	-	-
Hydro Conventional	4,193	7.3
Solar	-	-
Wind	-	-
Wood/Wood Waste	1,529	2.7
MSW Biogenic/Landfill Gas	34	0.1
Other Biomass	23	*

* = 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, 2005 - 2009**Arkansas (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	10,512	10,965	11,807	11,756	11,753
Coal	3,793	3,846	3,846	3,861	3,864
Petroleum	23	23	22	22	22
Natural Gas	6,696	7,096	7,939	7,873	7,867
Other Gases	-	-	-	-	-
Nuclear	1,834	1,824	1,838	1,839	1,835
Renewables	1,686	1,691	1,623	1,643	1,659
Pumped Storage	28	28	28	28	28
Other	-	-	-	-	-
Total	14,059	14,507	15,296	15,266	15,275

- = 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, 2005 - 2009**Arkansas (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,388	1,389	1,321	1,321	1,337
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	292	292	292	312	312
MSW/Landfill Gas	-	5	5	5	5
Other Biomass	6	6	6	5	6
Total	1,686	1,691	1,623	1,643	1,659

- = 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, 2005 - 2009**Arkansas (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	29,251	33,626	34,203	34,639	36,385
Coal	23,037	24,183	25,744	26,115	25,075
Petroleum	208	161	94	64	88
Natural Gas	6,006	9,282	8,364	8,461	11,221
Other Gases	-	-	-	-	-
Nuclear	13,690	15,233	15,486	14,168	15,170
Renewables	4,818	3,273	4,860	6,173	5,778
Pumped Storage	21	15	30	48	100
Other	15	22	17	22	24
Total	47,795	52,169	54,596	55,051	57,458

- = 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, 2005 - 2009**Arkansas (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	3,083	1,551	3,237	4,660	4,193
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,708	1,689	1,581	1,466	1,529
MSW Biogenic/Landfill Gas	-	7	33	36	34
Other Biomass	28	26	10	11	23
Total	4,818	3,273	4,860	6,173	5,778

- = 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 (2009)

California

Primary Renewable Energy Capacity Source
Primary Renewable Energy Generation Source

Hydro Conventional
Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	65,948	100.0
Total Net Summer Renewable Capacity	16,295	24.7
Geothermal	2,004	3.0
Hydro Conventional	10,144	15.4
Solar	450	0.7
Wind	2,650	4.0
Wood/Wood Waste	646	1.0
MSW/Landfill Gas	306	0.5
Other Biomass	96	0.1
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	204,776	100.0
Total Renewable Net Generation	53,428	26.1
Geothermal	12,853	6.3
Hydro Conventional	27,888	13.6
Solar	647	0.3
Wind	5,840	2.9
Wood/Wood Waste	3,732	1.8
MSW Biogenic/Landfill Gas	1,842	0.9
Other Biomass	626	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, 2005 - 2009**California (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	38,120	39,351	39,961	39,950	41,443
Coal	389	389	389	367	367
Petroleum	840	789	754	752	734
Natural Gas	36,700	38,001	38,556	38,635	40,146
Other Gases	191	171	262	197	197
Nuclear	4,324	4,390	4,390	4,390	4,390
Renewables	15,567	15,776	15,774	15,945	16,295
Pumped Storage	3,688	3,688	3,688	3,813	3,813
Other	8	8	-	7	7
Total	61,707	63,213	63,813	64,105	65,948

- = 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, 2005 - 2009**California (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	2,046	2,032	1,940	1,940	2,004
Hydro Conventional	10,088	10,083	10,041	10,122	10,144
Solar	402	402	404	416	450
Wind	2,052	2,255	2,312	2,368	2,650
Wood/Wood Waste	577	584	596	616	646
MSW/Landfill Gas	258	275	380	374	306
Other Biomass	145	145	102	109	96
Total	15,567	15,776	15,774	15,945	16,295

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, 2005 - 2009**California (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	100,313	112,317	122,151	125,699	118,679
Coal	2,135	2,235	2,298	2,280	2,050
Petroleum	2,544	2,368	2,334	1,742	1,543
Natural Gas	93,354	105,691	115,700	119,992	113,463
Other Gases	2,280	2,022	1,818	1,685	1,623
Nuclear	36,155	31,959	35,792	32,482	31,764
Renewables	63,286	71,963	52,173	48,912	53,428
Pumped Storage	120	96	310	321	153
Other	420	464	421	570	753
Total	200,293	216,799	210,848	207,984	204,776

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, 2005 - 2009**California (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	13,023	12,821	12,991	12,883	12,853
Hydro Conventional	39,632	48,047	27,328	24,128	27,888
Solar	537	495	557	670	647
Wind	4,262	4,883	5,585	5,385	5,840
Wood/Wood Waste	3,609	3,422	3,407	3,484	3,732
MSW Biogenic/Landfill Gas	1,594	1,685	1,657	1,717	1,842
Other Biomass	629	610	648	645	626
Total	63,286	71,963	52,173	48,912	53,428

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 (2009)

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	13,038	100.0
Total Net Summer Renewable Capacity	1,931	14.8
Geothermal	-	-
Hydro Conventional	666	5.1
Solar	14	0.1
Wind	1,238	9.5
Wood/Wood Waste	-	-
MSW/Landfill Gas	3	*
Other Biomass	10	0.1
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	50,566	100.0
Total Renewable Net Generation	5,132	10.1
Geothermal	-	-
Hydro Conventional	1,886	3.7
Solar	26	0.1
Wind	3,164	6.3
Wood/Wood Waste	s	*
MSW Biogenic/Landfill Gas	17	*
Other Biomass	39	0.1

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, 2005 - 2009**Colorado (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	9,635	9,644	9,979	10,229	10,545
Coal	4,928	4,939	4,961	4,965	5,010
Petroleum	183	181	182	184	178
Natural Gas	4,523	4,523	4,836	5,080	5,357
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	889	950	1,746	1,753	1,931
Pumped Storage	563	563	563	563	563
Other	-	-	-	-	-
Total	11,086	11,156	12,288	12,545	13,038

- = 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, 2005 - 2009**Colorado (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	652	652	665	666	666
Solar	-	-	8	11	14
Wind	228	289	1,063	1,063	1,238
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	3	3
Other Biomass	10	10	10	10	10
Total	889	950	1,746	1,753	1,931

- = 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, 2005 - 2009**Colorado (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	47,513	48,211	50,980	48,334	45,490
Coal	35,570	36,269	35,936	34,828	31,636
Petroleum	17	21	28	19	13
Natural Gas	11,923	11,919	15,014	13,487	13,840
Other Gases	2	3	2	-	-
Nuclear	-	-	-	-	-
Renewables	2,226	2,687	3,054	5,324	5,132
Pumped Storage	-122	-201	-168	-249	-109
Other	-	-	41	33	53
Total	49,617	50,698	53,907	53,442	50,566

- = 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, 2005 - 2009**Colorado (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,415	1,791	1,730	2,039	1,886
Solar	-	-	2	18	26
Wind	776	866	1,292	3,221	3,164
Wood/Wood Waste	s	-	-	s	s
MSW Biogenic/Landfill Gas	-	-	-	8	17
Other Biomass	34	31	31	37	39
Total	2,226	2,687	3,054	5,324	5,132

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 (2009)

Connecticut

Primary Renewable Energy Capacity Source
Primary Renewable Energy Generation Source

Municipal Solid Waste/Landfill Gas
Municipal Solid Waste/Landfill Gas

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	8,028	100.0
Total Net Summer Renewable Capacity	287	3.6
Geothermal	-	-
Hydro Conventional	122	1.5
Solar	-	-
Wind	-	-
Wood/Wood Waste	-	-
MSW/Landfill Gas	166	2.1
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	31,206	100.0
Total Renewable Net Generation	1,268	4.1
Geothermal	-	-
Hydro Conventional	510	1.6
Solar	-	-
Wind	-	-
Wood/Wood Waste	1	*
MSW Biogenic/Landfill Gas	758	2.4
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, 2005 - 2009**Connecticut (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	5,581	5,498	5,361	5,466	5,582
Coal	555	551	551	553	564
Petroleum	2,989	2,926	2,709	2,741	2,749
Natural Gas	2,037	2,020	2,100	2,171	2,268
Other Gases	-	-	-	-	-
Nuclear	2,037	2,037	2,022	2,015	2,103
Renewables	313	316	285	287	287
Pumped Storage	4	4	29	29	29
Other	27	27	27	27	27
Total	7,962	7,882	7,725	7,824	8,028

- = 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, 2005 - 2009**Connecticut (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	146	147	122	122	122
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	166	170	163	166	166
Other Biomass	-	-	-	-	-
Total	313	316	285	287	287

- = 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, 2005 - 2009**Connecticut (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	16,018	16,046	14,982	12,970	12,562
Coal	3,996	4,282	3,739	4,387	2,453
Petroleum	3,156	1,279	1,311	514	299
Natural Gas	8,864	10,484	9,930	8,070	9,809
Other Gases	2	2	2	-	-
Nuclear	15,562	16,589	16,386	15,433	16,657
Renewables	1,232	1,307	1,093	1,290	1,268
Pumped Storage	-2	-	-15	7	5
Other	740	739	726	710	713
Total	33,550	34,682	33,171	30,409	31,206

- = 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, 2005 - 2009**Connecticut (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	478	544	363	556	510
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	7	9	2	2	1
MSW Biogenic/Landfill Gas	746	755	728	732	758
Other Biomass	-	-	-	-	-
Total	1,232	1,307	1,093	1,290	1,268

- = 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 (2009)

Delaware

Primary Renewable Energy Capacity Source
Primary Renewable Energy Generation Source

Municipal Solid Waste/Landfill Gas
Municipal Solid Waste/Landfill Gas

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	3,362	100.0
Total Net Summer Renewable Capacity	7	0.2
Geothermal	-	-
Hydro Conventional	-	-
Solar	-	-
Wind	-	-
Wood/Wood Waste	-	-
MSW/Landfill Gas	7	0.2
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	4,842	100.0
Total Renewable Net Generation	126	2.6
Geothermal	-	-
Hydro Conventional	-	-
Solar	-	-
Wind	-	-
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	126	2.6
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, 2005 - 2009**Delaware (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	3,365	3,367	3,350	3,344	3,355
Coal	1,083	1,083	1,083	1,083	1,074
Petroleum	695	695	698	557	557
Natural Gas	1,280	1,282	1,262	1,397	1,417
Other Gases	307	307	307	307	307
Nuclear	-	-	-	-	-
Renewables	-	7	7	7	7
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	3,365	3,374	3,357	3,351	3,362

- = 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, 2005 - 2009**Delaware (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	-	-	-	-	-
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	7	7	7	7
Other Biomass	-	-	-	-	-
Total	-	7	7	7	7

- = 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, 2005 - 2009**Delaware (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	8,137	7,182	8,486	7,350	4,710
Coal	4,833	4,969	5,622	5,267	2,848
Petroleum	1,220	132	241	219	258
Natural Gas	1,591	1,171	1,902	1,387	1,376
Other Gases	493	910	721	476	227
Nuclear	-	-	-	-	-
Renewables	-	s	48	163	126
Pumped Storage	-	-	-	-	-
Other	-	-	-	11	6
Total	8,137	7,182	8,534	7,524	4,842

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, 2005 - 2009**Delaware (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	-	-	-	-	-
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	s	48	163	126
Other Biomass	-	-	-	-	-
Total	-	s	48	163	126

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 (2009)

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)	Value	Percent of State Total
Total Electricity Net Generation	35	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, 2005 - 2009**District of Columbia (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	806	806	806	790	790
Coal	-	-	-	-	-
Petroleum	806	806	806	790	790
Natural Gas	-	-	-	-	-
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	-	-	-	-	-
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	806	806	806	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, 2005 - 2009**District of Columbia (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	226	81	75	72	35
Coal	-	-	-	-	-
Petroleum	226	81	75	72	35
Natural Gas	-	-	-	-	-
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	-	-	-	-	-
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	226	81	75	72	35

- = 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 (2009)

Florida

Primary Renewable Energy Capacity Source
Primary Renewable Energy Generation Source

Municipal Solid Waste/Landfill Gas
Wood/Wood Waste

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	59,073	100.0
Total Net Summer Renewable Capacity	1,093	1.8
Geothermal	-	-
Hydro Conventional	55	0.1
Solar	25	*
Wind	-	-
Wood/Wood Waste	351	0.6
MSW/Landfill Gas	492	0.8
Other Biomass	171	0.3
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	217,952	100.0
Total Renewable Net Generation	4,549	2.1
Geothermal	-	-
Hydro Conventional	208	0.1
Solar	9	*
Wind	-	-
Wood/Wood Waste	1,954	0.9
MSW Biogenic/Landfill Gas	1,846	0.8
Other Biomass	530	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, 2005 - 2009**Florida (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	48,045	48,044	50,280	50,166	53,733
Coal	10,403	10,333	10,297	10,265	10,261
Petroleum	11,701	11,677	11,671	13,128	12,602
Natural Gas	25,941	26,035	28,312	26,773	30,870
Other Gases	-	-	-	-	-
Nuclear	3,902	3,902	3,902	3,924	3,924
Renewables	985	1,008	1,048	1,046	1,093
Pumped Storage	-	-	-	-	-
Other	289	251	222	324	324
Total	53,220	53,206	55,451	55,460	59,073

- = 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, 2005 - 2009**Florida (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	55	55	55	55	55
Solar	-	-	-	-	25
Wind	-	-	-	-	-
Wood/Wood Waste	343	343	354	351	351
MSW/Landfill Gas	442	447	463	470	492
Other Biomass	145	163	176	171	171
Total	985	1,008	1,048	1,046	1,093

- = 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, 2005 - 2009**Florida (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	183,325	184,530	188,433	180,167	181,553
Coal	62,515	65,423	67,908	64,823	54,003
Petroleum	37,201	22,904	20,203	11,971	9,221
Natural Gas	83,595	96,186	100,307	103,363	118,322
Other Gases	13	17	15	10	7
Nuclear	28,759	31,426	29,289	32,133	29,118
Renewables	4,593	4,534	4,457	4,509	4,549
Pumped Storage	-	-	-	-	-
Other	3,579	3,261	3,236	2,827	2,733
Total	220,256	223,752	225,416	219,637	217,952

- = 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, 2005 - 2009**Florida (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	266	203	154	206	208
Solar	-	-	-	-	9
Wind	-	-	-	-	-
Wood/Wood Waste	2,022	1,979	1,930	1,969	1,954
MSW Biogenic/Landfill Gas	1,775	1,825	1,794	1,726	1,846
Other Biomass	530	526	579	608	530
Total	4,593	4,534	4,457	4,509	4,549

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Georgia (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	28,283	28,238	28,096	28,078	28,103
Coal	13,465	13,438	13,275	13,256	13,211
Petroleum	2,185	2,182	2,169	2,187	2,188
Natural Gas	12,633	12,618	12,652	12,635	12,705
Other Gases	-	-	-	-	-
Nuclear	4,060	4,060	3,995	4,061	4,061
Renewables	2,513	2,526	2,706	2,642	2,648
Pumped Storage	1,675	1,675	1,675	1,675	1,737
Other	-	-	-	-	-
Total	36,531	36,499	36,472	36,456	36,549

- = 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, 2005 - 2009**Georgia (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	2,014	2,027	2,032	2,041	2,046
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	450	450	621	591	587
MSW/Landfill Gas	5	5	10	10	15
Other Biomass	44	44	44	-	-
Total	2,513	2,526	2,706	2,642	2,648

- = 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, 2005 - 2009**Georgia (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	97,986	100,299	107,165	99,661	90,634
Coal	87,182	86,504	90,298	85,491	69,478
Petroleum	1,033	834	788	742	650
Natural Gas	9,771	12,961	16,079	13,428	20,506
Other Gases	-	-	-	-	-
Nuclear	31,534	32,006	32,545	31,691	31,683
Renewables	7,304	5,988	5,652	4,927	6,085
Pumped Storage	-209	-400	-322	-157	272
Other	53	118	115	51	25
Total	136,668	138,010	145,155	136,173	128,698

- = 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, 2005 - 2009**Georgia (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	4,032	2,569	2,236	2,145	3,260
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	3,195	3,362	3,362	2,660	2,746
MSW Biogenic/Landfill Gas	28	25	16	31	51
Other Biomass	49	32	37	90	29
Total	7,304	5,988	5,652	4,927	6,085

- = 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. 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 (2009)

Hawaii

Primary Renewable Energy Capacity Source
 Primary Renewable Energy Generation Source

Other Biomass
 Wind

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	2,565	100.0
Total Net Summer Renewable Capacity	341	13.3
Geothermal	31	1.2
Hydro Conventional	24	0.9
Solar	1	*
Wind	64	2.5
Wood/Wood Waste	-	-
MSW/Landfill Gas	60	2.3
Other Biomass	162	6.3
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	11,011	100.0
Total Renewable Net Generation	817	7.4
Geothermal	168	1.5
Hydro Conventional	113	1.0
Solar	1	*
Wind	251	2.3
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	180	1.6
Other Biomass	104	0.9

* = 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, 2005 - 2009**Hawaii (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	2,183	2,208	2,209	2,208	2,223
Coal	180	180	180	180	180
Petroleum	1,994	2,019	2,020	2,019	2,034
Natural Gas	-	-	-	-	-
Other Gases	9	9	9	9	9
Nuclear	-	-	-	-	-
Renewables	175	206	227	228	341
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	2,358	2,414	2,436	2,437	2,565

- = 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, 2005 - 2009**Hawaii (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	31	31	31	31	31
Hydro Conventional	24	24	24	24	24
Solar	-	-	-	1	1
Wind	11	43	64	64	64
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	60	60	60	60	60
Other Biomass	49	49	49	49	162
Total	175	206	227	228	341

- = 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, 2005 - 2009**Hawaii (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	10,740	10,646	10,538	10,356	9,812
Coal	1,631	1,549	1,579	1,648	1,500
Petroleum	9,068	9,054	8,914	8,670	8,289
Natural Gas	-	-	-	-	-
Other Gases	41	43	45	39	22
Nuclear	-	-	-	-	-
Renewables	634	738	846	861	817
Pumped Storage	-	-	-	-	-
Other	149	176	149	159	381
Total	11,523	11,559	11,533	11,376	11,011

- = 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 cogenerated 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, 2005 - 2009**Hawaii (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	222	212	230	234	168
Hydro Conventional	96	120	92	84	113
Solar	-	-	-	s	1
Wind	7	80	238	240	251
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	163	189	169	184	180
Other Biomass	147	137	116	118	104
Total	634	738	846	861	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 (2009)

Idaho

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	3,758	100.0
Total Net Summer Renewable Capacity	2,909	77.4
Geothermal	7	0.2
Hydro Conventional	2,682	71.4
Solar	-	-
Wind	146	3.9
Wood/Wood Waste	68	1.8
MSW/Landfill Gas	-	-
Other Biomass	5	0.1
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	13,100	100.0
Total Renewable Net Generation	11,302	86.3
Geothermal	76	0.6
Hydro Conventional	10,434	79.6
Solar	-	-
Wind	313	2.4
Wood/Wood Waste	478	3.6
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, 2005 - 2009**Idaho (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	667	667	667	828	834
Coal	17	17	17	17	17
Petroleum	5	5	5	5	5
Natural Gas	645	645	645	805	812
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	2,478	2,528	2,514	2,535	2,909
Pumped Storage	-	-	-	-	-
Other	15	15	15	15	15
Total	3,160	3,210	3,196	3,378	3,758

- = 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, 2005 - 2009**Idaho (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	10	7
Hydro Conventional	2,390	2,378	2,367	2,346	2,682
Solar	-	-	-	-	-
Wind	11	75	75	117	146
Wood/Wood Waste	78	75	71	63	68
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	5
Total	2,478	2,528	2,514	2,535	2,909

- = 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, 2005 - 2009**Idaho (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	1,692	1,381	1,741	1,790	1,726
Coal	95	82	84	90	83
Petroleum	s	s	s	s	s
Natural Gas	1,597	1,298	1,657	1,700	1,644
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	9,102	11,932	9,675	10,111	11,302
Pumped Storage	-	-	-	-	-
Other	31	73	69	70	72
Total	10,825	13,386	11,484	11,971	13,100

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, 2005 - 2009**Idaho (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	86	76
Hydro Conventional	8,542	11,242	9,022	9,363	10,434
Solar	-	-	-	-	-
Wind	-	170	172	207	313
Wood/Wood Waste	560	520	481	455	478
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	9,102	11,932	9,675	10,111	11,302

- = 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 (2009)

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	44,033	100.0
Total Net Summer Renewable Capacity	1,777	4.0
Geothermal	-	-
Hydro Conventional	34	0.1
Solar	9	*
Wind	1,596	3.6
Wood/Wood Waste	-	-
MSW/Landfill Gas	139	0.3
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	193,864	100.0
Total Renewable Net Generation	3,666	1.9
Geothermal	-	-
Hydro Conventional	136	0.1
Solar	s	*
Wind	2,820	1.5
Wood/Wood Waste	s	*
MSW Biogenic/Landfill Gas	709	0.4
Other Biomass	1	*

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, 2005 - 2009**Illinois (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	30,856	30,626	30,435	30,662	30,795
Coal	15,789	15,731	15,582	15,653	15,852
Petroleum	1,154	1,143	1,097	1,099	1,090
Natural Gas	13,867	13,705	13,709	13,870	13,806
Other Gases	47	47	47	40	47
Nuclear	11,388	11,379	11,379	11,379	11,441
Renewables	265	264	916	1,145	1,777
Pumped Storage	-	-	-	-	-
Other	20	20	-	20	20
Total	42,530	42,289	42,731	43,206	44,033

- = 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, 2005 - 2009**Illinois (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	33	33	33	34	34
Solar	-	-	-	-	9
Wind	105	105	740	962	1,596
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	100	111	131	150	139
Other Biomass	28	15	13	-	-
Total	265	264	916	1,145	1,777

- = 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, 2005 - 2009**Illinois (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	99,905	97,212	103,072	101,101	94,662
Coal	92,265	91,649	95,265	96,644	89,967
Petroleum	327	136	132	143	113
Natural Gas	7,114	5,279	7,542	4,260	4,495
Other Gases	199	149	134	54	88
Nuclear	93,263	94,154	95,729	95,152	95,474
Renewables	912	1,022	1,438	3,174	3,666
Pumped Storage	-	-	-	-	-
Other	40	38	21	49	62
Total	194,120	192,427	200,261	199,475	193,864

- = 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, 2005 - 2009**Illinois (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	129	173	154	139	136
Solar	-	-	-	-	s
Wind	141	255	664	2,337	2,820
Wood/Wood Waste	-	-	-	1	s
MSW Biogenic/Landfill Gas	593	582	603	697	709
Other Biomass	48	12	17	s	1
Total	912	1,022	1,438	3,174	3,666

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 (2009)

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	27,949	100.0
Total Net Summer Renewable Capacity	1,141	4.1
Geothermal	-	-
Hydro Conventional	60	0.2
Solar	-	-
Wind	1,037	3.7
Wood/Wood Waste	-	-
MSW/Landfill Gas	45	0.2
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	116,670	100.0
Total Renewable Net Generation	2,209	1.9
Geothermal	-	-
Hydro Conventional	503	0.4
Solar	-	-
Wind	1,403	1.2
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	303	0.3
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, 2005 - 2009**Indiana (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	26,906	26,899	26,922	26,850	26,808
Coal	19,745	19,718	19,759	19,721	19,757
Petroleum	490	503	503	503	503
Natural Gas	6,054	6,052	6,048	6,007	6,003
Other Gases	617	626	612	618	545
Nuclear	-	-	-	-	-
Renewables	78	91	99	229	1,141
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	26,984	26,990	27,021	27,079	27,949

- = 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, 2005 - 2009**Indiana (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	60	60	60	60	60
Solar	-	-	-	-	-
Wind	-	-	-	131	1,037
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	19	31	39	39	45
Other Biomass	-	-	-	-	-
Total	78	91	99	229	1,141

- = 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, 2005 - 2009**Indiana (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	129,431	129,345	129,576	128,206	114,118
Coal	122,833	123,645	122,803	122,036	108,312
Petroleum	261	148	170	178	157
Natural Gas	3,615	2,682	4,012	3,636	3,830
Other Gases	2,722	2,870	2,591	2,356	1,820
Nuclear	-	-	-	-	-
Renewables	506	710	681	948	2,209
Pumped Storage	-	-	-	-	-
Other	434	435	381	356	343
Total	130,372	130,490	130,638	129,510	116,670

- = 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, 2005 - 2009**Indiana (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	438	490	450	437	503
Solar	-	-	-	-	-
Wind	-	-	-	238	1,403
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	68	220	231	273	303
Other Biomass	-	-	-	-	-
Total	506	710	681	948	2,209

- = 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 (2009)

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	14,579	100.0
Total Net Summer Renewable Capacity	3,511	24.1
Geothermal	-	-
Hydro Conventional	144	1.0
Solar	-	-
Wind	3,352	23.0
Wood/Wood Waste	-	-
MSW/Landfill Gas	11	0.1
Other Biomass	3	*
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	51,860	100.0
Total Renewable Net Generation	8,560	16.5
Geothermal	-	-
Hydro Conventional	971	1.9
Solar	-	-
Wind	7,421	14.3
Wood/Wood Waste	s	*
MSW Biogenic/Landfill Gas	93	0.2
Other Biomass	74	0.1

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, 2005 - 2009**Iowa (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	9,545	9,496	10,391	10,340	10,467
Coal	6,137	6,097	6,967	6,928	7,107
Petroleum	1,028	1,027	1,023	1,017	1,014
Natural Gas	2,381	2,371	2,402	2,395	2,346
Other Gases	-	-	-	-	-
Nuclear	581	581	580	580	601
Renewables	961	1,067	1,316	2,791	3,511
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	11,087	11,143	12,287	13,711	14,579

- = 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, 2005 - 2009**Iowa (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	131	131	131	142	144
Solar	-	-	-	-	-
Wind	820	921	1,170	2,635	3,352
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	6	11	11	11	11
Other Biomass	3	3	3	3	3
Total	961	1,067	1,316	2,791	3,511

- = 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, 2005 - 2009**Iowa (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	36,883	37,014	41,388	42,734	38,621
Coal	34,252	34,405	37,986	40,410	37,351
Petroleum	150	208	312	161	85
Natural Gas	2,481	2,400	3,091	2,163	1,184
Other Gases	-	-	-	-	-
Nuclear	4,538	5,095	4,519	5,282	4,679
Renewables	2,724	3,364	3,870	5,070	8,560
Pumped Storage	-	-	-	-	-
Other	12	10	12	s	s
Total	44,156	45,483	49,789	53,087	51,860

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, 2005 - 2009**Iowa (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	960	909	962	819	971
Solar	-	-	-	-	-
Wind	1,647	2,318	2,757	4,084	7,421
Wood/Wood Waste	-	-	s	s	s
MSW Biogenic/Landfill Gas	82	100	123	98	93
Other Biomass	35	37	28	69	74
Total	2,724	3,364	3,870	5,070	8,560

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 (2009)

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	12,529	100.0
Total Net Summer Renewable Capacity	1,014	8.1
Geothermal	-	-
Hydro Conventional	3	*
Solar	-	-
Wind	1,011	8.1
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	46,677	100.0
Total Renewable Net Generation	2,876	6.2
Geothermal	-	-
Hydro Conventional	13	*
Solar	-	-
Wind	2,863	6.1
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	-	-
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, 2005 - 2009**Kansas (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	9,597	9,592	9,709	10,017	10,355
Coal	5,250	5,203	5,208	5,190	5,180
Petroleum	583	565	569	564	564
Natural Gas	3,764	3,824	3,932	4,262	4,611
Other Gases	-	-	-	-	-
Nuclear	1,166	1,166	1,166	1,160	1,160
Renewables	266	366	366	815	1,014
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	11,029	11,124	11,241	11,992	12,529

- = 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, 2005 - 2009**Kansas (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	3	3	3	3	3
Solar	-	-	-	-	-
Wind	263	363	363	812	1,011
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	266	366	366	815	1,014

- = 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, 2005 - 2009**Kansas (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	36,605	35,172	38,590	36,363	35,033
Coal	34,481	33,281	36,250	34,003	32,243
Petroleum	986	51	207	130	121
Natural Gas	1,137	1,839	2,133	2,230	2,669
Other Gases	-	-	-	-	-
Nuclear	8,821	9,350	10,369	8,497	8,769
Renewables	437	1,002	1,163	1,770	2,876
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	45,863	45,524	50,122	46,630	46,677

- = 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, 2005 - 2009**Kansas (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	11	10	11	11	13
Solar	-	-	-	-	-
Wind	426	992	1,153	1,759	2,863
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	437	1,002	1,163	1,770	2,876

- = 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 (2009)

Kentucky

Primary Renewable Energy Capacity Source
Primary Renewable Energy Generation Source

Hydro Conventional
Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	20,160	100.0
Total Net Summer Renewable Capacity	893	4.4
Geothermal	-	-
Hydro Conventional	824	4.1
Solar	-	-
Wind	-	-
Wood/Wood Waste	52	0.3
MSW/Landfill Gas	17	0.1
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	90,630	100.0
Total Renewable Net Generation	3,681	4.1
Geothermal	-	-
Hydro Conventional	3,318	3.7
Solar	-	-
Wind	-	-
Wood/Wood Waste	263	0.3
MSW Biogenic/Landfill Gas	96	0.1
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, 2005 - 2009
Kentucky (megawatts)

Energy Source	2005	2006	2007	2008	2009
Fossil	19,131	19,177	19,088	19,016	19,268
Coal	14,337	14,386	14,374	14,301	14,553
Petroleum	137	135	77	77	77
Natural Gas	4,657	4,656	4,638	4,638	4,638
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	870	871	880	886	893
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	20,001	20,047	19,968	19,902	20,160

- = 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, 2005 - 2009
Kentucky (megawatts)

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	817	815	817	824	824
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	43	43	47	47	52
MSW/Landfill Gas	10	12	15	15	17
Other Biomass	-	-	-	-	-
Total	870	871	880	886	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, 2005 - 2009**Kentucky (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	94,423	95,720	95,075	95,478	86,937
Coal	89,083	91,198	90,483	91,621	84,038
Petroleum	3,681	3,341	2,791	2,874	2,016
Natural Gas	1,654	1,177	1,796	979	878
Other Gases	5	4	5	4	4
Nuclear	-	-	-	-	-
Renewables	3,383	3,050	2,134	2,377	3,681
Pumped Storage	-	-	-	-	-
Other	17	22	16	9	13
Total	97,822	98,792	97,225	97,863	90,630

- = 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, 2005 - 2009**Kentucky (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	2,961	2,592	1,669	1,917	3,318
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	358	369	370	351	263
MSW Biogenic/Landfill Gas	62	88	93	105	96
Other Biomass	1	2	2	4	4
Total	3,383	3,050	2,134	2,377	3,681

- = 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 (2009)

Louisiana

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	25,987	100.0
Total Net Summer Renewable Capacity	579	2.2
Geothermal	-	-
Hydro Conventional	192	0.7
Solar	-	-
Wind	-	-
Wood/Wood Waste	373	1.4
MSW/Landfill Gas	-	-
Other Biomass	14	0.1
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	90,994	100.0
Total Renewable Net Generation	3,600	4.0
Geothermal	-	-
Hydro Conventional	1,236	1.4
Solar	-	-
Wind	-	-
Wood/Wood Waste	2,297	2.5
MSW Biogenic/Landfill Gas	-	-
Other Biomass	67	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, 2005 - 2009**Louisiana (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	23,898	23,904	23,379	23,207	23,087
Coal	3,453	3,453	3,482	3,482	3,482
Petroleum	285	285	346	346	346
Natural Gas	20,096	19,980	19,384	19,345	19,225
Other Gases	64	186	167	34	34
Nuclear	2,124	2,119	2,127	2,154	2,142
Renewables	525	525	586	586	579
Pumped Storage	-	-	-	-	-
Other	238	238	231	236	179
Total	26,785	26,786	26,323	26,183	25,987

- = 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, 2005 - 2009**Louisiana (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	192	192	192	192	192
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	318	318	380	380	373
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	15	15	14	14	14
Total	525	525	586	586	579

- = 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, 2005 - 2009**Louisiana (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	72,693	69,795	71,028	72,850	70,155
Coal	23,087	24,395	23,051	24,100	23,067
Petroleum	3,541	1,872	2,251	2,305	1,858
Natural Gas	44,168	41,933	43,915	45,344	44,003
Other Gases	1,897	1,595	1,811	1,101	1,227
Nuclear	15,676	16,735	17,078	15,371	16,782
Renewables	3,698	3,676	3,807	3,774	3,600
Pumped Storage	-	-	-	-	-
Other	550	715	666	458	456
Total	92,617	90,922	92,578	92,453	90,994

- = 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, 2005 - 2009**Louisiana (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	811	713	827	1,064	1,236
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	2,806	2,881	2,898	2,639	2,297
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	80	81	82	71	67
Total	3,698	3,676	3,807	3,774	3,600

- = 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 (2009)

Maine

Primary Renewable Energy Capacity Source
Primary Renewable Energy Generation Source

Hydro Conventional
Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	4,344	100.0
Total Net Summer Renewable Capacity	1,606	37.0
Geothermal	-	-
Hydro Conventional	738	17.0
Solar	-	-
Wind	170	3.9
Wood/Wood Waste	606	14.0
MSW/Landfill Gas	57	1.3
Other Biomass	36	0.8
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	16,350	100.0
Total Renewable Net Generation	8,150	49.8
Geothermal	-	-
Hydro Conventional	4,212	25.8
Solar	-	-
Wind	299	1.8
Wood/Wood Waste	3,367	20.6
MSW Biogenic/Landfill Gas	232	1.4
Other Biomass	41	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, 2005 - 2009**Maine (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	2,772	2,770	2,751	2,761	2,738
Coal	85	85	85	85	85
Petroleum	1,030	1,030	1,031	1,031	1,008
Natural Gas	1,658	1,655	1,636	1,645	1,645
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,413	1,418	1,462	1,478	1,606
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	4,185	4,187	4,213	4,239	4,344

- = 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, 2005 - 2009**Maine (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	720	719	718	730	738
Solar	-	-	-	-	-
Wind	-	-	42	47	170
Wood/Wood Waste	605	609	612	612	606
MSW/Landfill Gas	53	53	53	53	57
Other Biomass	35	36	36	36	36
Total	1,413	1,418	1,462	1,478	1,606

- = 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, 2005 - 2009**Maine (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	10,340	8,214	7,869	8,264	7,861
Coal	320	321	376	352	72
Petroleum	1,621	595	818	533	433
Natural Gas	8,398	7,298	6,675	7,380	7,355
Other Gases	s	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	8,159	8,246	7,945	8,515	8,150
Pumped Storage	-	-	-	-	-
Other	345	356	315	315	339
Total	18,844	16,816	16,129	17,095	16,350

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, 2005 - 2009**Maine (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	4,091	4,278	3,738	4,457	4,212
Solar	-	-	-	-	-
Wind	-	-	99	132	299
Wood/Wood Waste	3,778	3,685	3,848	3,669	3,367
MSW Biogenic/Landfill Gas	234	235	208	206	232
Other Biomass	56	48	52	52	41
Total	8,159	8,246	7,945	8,515	8,150

- = 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.

Maryland

Table 1. Summary Renewable Electric Power Industry Statistics (2009)

Maryland

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	12,482	100.0
Total Net Summer Renewable Capacity	727	5.8
Geothermal	-	-
Hydro Conventional	590	4.7
Solar	-	-
Wind	-	-
Wood/Wood Waste	3	*
MSW/Landfill Gas	135	1.1
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	43,775	100.0
Total Renewable Net Generation	2,440	5.6
Geothermal	-	-
Hydro Conventional	1,889	4.3
Solar	-	-
Wind	-	-
Wood/Wood Waste	175	0.4
MSW Biogenic/Landfill Gas	376	0.9
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, 2005 - 2009**Maryland (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	10,075	10,071	10,028	10,125	10,050
Coal	4,958	4,958	4,958	4,944	4,876
Petroleum	3,422	3,140	2,965	2,991	2,986
Natural Gas	1,542	1,821	1,953	2,038	2,035
Other Gases	152	152	152	152	152
Nuclear	1,735	1,735	1,735	1,735	1,705
Renewables	693	693	723	725	727
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	12,503	12,500	12,486	12,585	12,482

- = 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, 2005 - 2009**Maryland (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	566	566	590	590	590
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	2	2	3	3	3
MSW/Landfill Gas	125	126	130	132	135
Other Biomass	-	-	-	-	-
Total	693	693	723	725	727

- = 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, 2005 - 2009**Maryland (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	35,338	32,091	33,303	29,810	26,529
Coal	29,303	29,408	29,699	27,218	24,162
Petroleum	3,806	581	985	406	330
Natural Gas	1,887	1,770	2,241	1,848	1,768
Other Gases	342	332	378	338	269
Nuclear	14,703	13,830	14,353	14,679	14,550
Renewables	2,327	2,730	2,256	2,587	2,440
Pumped Storage	-	-	-	-	-
Other	294	305	287	286	256
Total	52,662	48,957	50,198	47,361	43,775

- = 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, 2005 - 2009**Maryland (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,704	2,104	1,652	1,974	1,889
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	206	218	203	198	175
MSW Biogenic/Landfill Gas	417	408	400	415	376
Other Biomass	-	-	-	-	-
Total	2,327	2,730	2,256	2,587	2,440

- = 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 (2009)

Massachusetts

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	13,699	100.0
Total Net Summer Renewable Capacity	564	4.1
Geothermal	-	-
Hydro Conventional	261	1.9
Solar	s	*
Wind	5	*
Wood/Wood Waste	26	0.2
MSW/Landfill Gas	264	1.9
Other Biomass	9	0.1
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	38,967	100.0
Total Renewable Net Generation	2,430	6.2
Geothermal	-	-
Hydro Conventional	1,201	3.1
Solar	s	*
Wind	6	*
Wood/Wood Waste	115	0.3
MSW Biogenic/Landfill Gas	1,104	2.8
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, 2005 - 2009**Massachusetts (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	11,085	11,050	10,670	10,621	10,770
Coal	1,743	1,743	1,744	1,662	1,668
Petroleum	3,241	3,219	3,137	3,120	3,125
Natural Gas	6,102	6,089	5,789	5,839	5,977
Other Gases	-	-	-	-	-
Nuclear	685	685	685	685	685
Renewables	556	554	560	557	564
Pumped Storage	1,643	1,643	1,643	1,643	1,680
Other	-	-	-	-	-
Total	13,969	13,932	13,557	13,505	13,699

- = 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, 2005 - 2009**Massachusetts (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	260	259	259	258	261
Solar	-	-	-	s	s
Wind	-	-	2	2	5
Wood/Wood Waste	26	26	26	26	26
MSW/Landfill Gas	261	261	264	263	264
Other Biomass	9	9	9	9	9
Total	556	554	560	557	564

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, 2005 - 2009**Massachusetts (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	39,429	36,773	40,001	34,251	30,913
Coal	12,034	11,138	12,024	10,629	9,028
Petroleum	7,026	2,328	3,052	2,108	897
Natural Gas	20,369	23,307	24,925	21,514	20,988
Other Gases	-	-	-	-	-
Nuclear	5,475	5,830	5,120	5,869	5,396
Renewables	2,300	2,791	2,038	2,411	2,430
Pumped Storage	-462	-579	-831	-798	-534
Other	772	782	748	773	761
Total	47,515	45,598	47,076	42,505	38,967

- = 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, 2005 - 2009**Massachusetts (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,042	1,513	797	1,156	1,201
Solar	-	-	-	s	s
Wind	-	-	-	4	6
Wood/Wood Waste	120	125	119	123	115
MSW Biogenic/Landfill Gas	1,114	1,126	1,094	1,128	1,104
Other Biomass	25	27	27	2	4
Total	2,300	2,791	2,038	2,411	2,430

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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Michigan (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	23,948	23,693	23,826	23,805	23,691
Coal	11,982	11,860	11,910	11,921	11,794
Petroleum	1,675	1,499	673	667	684
Natural Gas	10,286	10,322	11,242	11,218	11,214
Other Gases	5	12	-	-	-
Nuclear	3,982	4,006	3,969	3,969	3,953
Renewables	620	618	638	773	792
Pumped Storage	1,872	1,872	1,872	1,872	1,872
Other	-	-	-	-	-
Total	30,422	30,189	30,305	30,419	30,308

- = 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, 2005 - 2009**Michigan (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	253	257	249	250	251
Solar	-	-	-	-	-
Wind	1	2	2	124	143
Wood/Wood Waste	210	210	231	230	230
MSW/Landfill Gas	157	149	156	169	168
Other Biomass	-	-	-	-	-
Total	620	618	638	773	792

- = 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, 2005 - 2009**Michigan (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	85,337	80,004	84,933	80,179	75,869
Coal	70,323	67,780	70,811	69,855	66,848
Petroleum	878	402	699	458	399
Natural Gas	13,764	11,410	13,141	9,602	8,420
Other Gases	372	412	282	264	203
Nuclear	32,872	29,066	31,517	31,484	21,851
Renewables	3,956	3,963	3,687	3,956	3,995
Pumped Storage	-1,106	-1,039	-1,129	-916	-857
Other	562	563	303	286	344
Total	121,620	112,557	119,310	114,990	101,203

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, 2005 - 2009**Michigan (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,462	1,520	1,270	1,364	1,372
Solar	-	-	-	-	-
Wind	2	2	3	141	300
Wood/Wood Waste	1,776	1,704	1,692	1,710	1,489
MSW Biogenic/Landfill Gas	714	735	721	738	829
Other Biomass	3	2	1	1	5
Total	3,956	3,963	3,687	3,956	3,995

- = 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 (2009)

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	14,626	100.0
Total Net Summer Renewable Capacity	2,192	15.0
Geothermal	-	-
Hydro Conventional	194	1.3
Solar	-	-
Wind	1,615	11.0
Wood/Wood Waste	177	1.2
MSW/Landfill Gas	132	0.9
Other Biomass	75	0.5
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	52,492	100.0
Total Renewable Net Generation	7,546	14.4
Geothermal	-	-
Hydro Conventional	809	1.5
Solar	-	-
Wind	5,053	9.6
Wood/Wood Waste	796	1.5
MSW Biogenic/Landfill Gas	384	0.7
Other Biomass	503	1.0

- = 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, 2005 - 2009**Minnesota (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	9,342	9,714	9,550	10,548	10,752
Coal	5,446	5,444	5,207	5,235	4,826
Petroleum	739	746	764	782	801
Natural Gas	3,157	3,524	3,579	4,531	5,126
Other Gases	-	-	-	-	-
Nuclear	1,617	1,668	1,668	1,668	1,668
Renewables	1,136	1,259	1,658	2,008	2,192
Pumped Storage	-	-	-	-	-
Other	11	11	13	13	13
Total	12,105	12,651	12,890	14,237	14,626

- = 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, 2005 - 2009**Minnesota (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	176	175	176	194	194
Solar	-	-	-	-	-
Wind	687	827	1,139	1,460	1,615
Wood/Wood Waste	136	129	161	170	177
MSW/Landfill Gas	137	127	128	130	132
Other Biomass	-	-	55	55	75
Total	1,136	1,259	1,658	2,008	2,192

- = 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, 2005 - 2009**Minnesota (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	36,433	36,125	36,463	34,879	32,263
Coal	32,950	33,070	32,190	31,755	29,327
Petroleum	776	494	405	232	65
Natural Gas	2,707	2,561	3,842	2,866	2,846
Other Gases	-	-	26	27	24
Nuclear	12,835	13,183	13,103	12,997	12,393
Renewables	3,427	3,631	4,586	6,578	7,546
Pumped Storage	-	-	-	-	-
Other	324	298	325	309	290
Total	53,019	53,238	54,478	54,763	52,492

- = 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, 2005 - 2009**Minnesota (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	775	572	654	727	809
Solar	-	-	-	-	-
Wind	1,582	2,055	2,639	4,355	5,053
Wood/Wood Waste	656	590	727	725	796
MSW Biogenic/Landfill Gas	409	412	423	399	384
Other Biomass	4	3	143	372	503
Total	3,427	3,631	4,586	6,578	7,546

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Mississippi (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	15,389	15,125	14,707	14,454	14,340
Coal	2,563	2,548	2,542	2,555	2,555
Petroleum	34	36	36	36	35
Natural Gas	12,789	12,537	12,125	11,859	11,746
Other Gases	4	4	4	4	4
Nuclear	1,266	1,266	1,268	1,259	1,251
Renewables	229	229	229	229	229
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	16,885	16,620	16,204	15,942	15,820

- = 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, 2005 - 2009**Mississippi (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	-	-	-	-	-
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	229	229	229	229	229
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	229	229	229	229	229

- = 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, 2005 - 2009**Mississippi (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	33,461	34,254	39,184	37,408	36,266
Coal	16,636	18,105	17,407	16,683	12,958
Petroleum	1,445	399	399	76	17
Natural Gas	15,360	15,706	21,335	20,607	23,267
Other Gases	20	44	42	40	25
Nuclear	10,078	10,419	9,359	9,397	10,999
Renewables	1,522	1,541	1,493	1,391	1,424
Pumped Storage	-	-	-	-	-
Other	7	16	7	10	12
Total	45,067	46,229	50,044	48,206	48,701

- = 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 cogenerated 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, 2005 - 2009**Mississippi (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	-	-	-	-	-
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,516	1,535	1,488	1,386	1,417
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	5	6	5	5	7
Total	1,522	1,541	1,493	1,391	1,424

- = 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 (2009)

Missouri

Primary Renewable Energy Capacity Source
Primary Renewable Energy Generation Source

Hydro Conventional
Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	20,829	100.0
Total Net Summer Renewable Capacity	880	4.2
Geothermal	-	-
Hydro Conventional	564	2.7
Solar	-	-
Wind	309	1.5
Wood/Wood Waste	-	-
MSW/Landfill Gas	8	*
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	88,354	100.0
Total Renewable Net Generation	2,391	2.7
Geothermal	-	-
Hydro Conventional	1,817	2.1
Solar	-	-
Wind	499	0.6
Wood/Wood Waste	2	*
MSW Biogenic/Landfill Gas	50	0.1
Other Biomass	24	*

* = 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, 2005 - 2009**Missouri (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	18,134	18,197	18,099	18,126	18,101
Coal	11,273	11,299	11,259	11,240	11,231
Petroleum	1,254	1,279	1,287	1,282	1,272
Natural Gas	5,607	5,619	5,553	5,604	5,598
Other Gases	-	-	-	-	-
Nuclear	1,190	1,190	1,190	1,190	1,190
Renewables	552	555	612	734	880
Pumped Storage	657	657	657	657	657
Other	-	-	-	-	-
Total	20,533	20,599	20,558	20,706	20,829

- = 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, 2005 - 2009**Missouri (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	552	552	552	566	564
Solar	-	-	-	-	-
Wind	-	-	57	163	309
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	3	3	5	8
Other Biomass	-	-	-	-	-
Total	552	555	612	734	880

- = 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, 2005 - 2009**Missouri (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	81,474	81,245	80,127	78,788	75,122
Coal	77,437	77,450	75,084	73,532	71,611
Petroleum	169	61	60	57	88
Natural Gas	3,866	3,729	4,979	5,196	3,416
Other Gases	2	5	3	3	7
Nuclear	8,031	10,117	9,372	9,379	10,247
Renewables	1,168	223	1,234	2,293	2,391
Pumped Storage	86	48	383	545	567
Other	70	54	37	24	27
Total	90,828	91,686	91,153	91,029	88,354

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, 2005 - 2009**Missouri (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,159	199	1,204	2,047	1,817
Solar	-	-	-	-	-
Wind	-	-	-	203	499
Wood/Wood Waste	-	s	s	2	2
MSW Biogenic/Landfill Gas	-	15	22	30	50
Other Biomass	9	9	7	11	24
Total	1,168	223	1,234	2,293	2,391

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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Montana (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	2,497	2,671	2,671	2,682	2,701
Coal	2,339	2,460	2,458	2,442	2,442
Petroleum	57	57	59	57	57
Natural Gas	100	154	154	181	200
Other Gases	-	-	-	2	2
Nuclear	-	-	-	-	-
Renewables	2,772	2,766	2,809	2,932	3,078
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	5,268	5,437	5,479	5,614	5,779

- = 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, 2005 - 2009**Montana (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	22	-	-
Hydro Conventional	2,619	2,604	2,620	2,660	2,692
Solar	-	-	-	-	-
Wind	135	145	149	255	369
Wood/Wood Waste	17	17	17	17	17
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	2,772	2,766	2,809	2,932	3,078

- = 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, 2005 - 2009**Montana (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	18,280	17,583	18,960	18,822	16,181
Coal	17,823	17,085	18,357	18,332	15,611
Petroleum	415	419	479	419	490
Natural Gas	27	68	106	66	78
Other Gases	15	11	19	6	1
Nuclear	-	-	-	-	-
Renewables	9,659	10,661	9,971	10,704	10,422
Pumped Storage	-	-	-	-	-
Other	-	-	-	111	110
Total	27,939	28,244	28,931	29,637	26,713

- = 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, 2005 - 2009**Montana (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	9,587	10,130	9,364	10,000	9,506
Solar	-	-	-	-	-
Wind	-	436	496	593	821
Wood/Wood Waste	72	94	111	111	95
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	9,659	10,661	9,971	10,704	10,422

- = 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. 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Nebraska (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	5,435	5,478	5,423	5,459	6,123
Coal	3,204	3,204	3,204	3,204	3,871
Petroleum	640	642	330	382	387
Natural Gas	1,591	1,632	1,889	1,874	1,864
Other Gases	-	-	-	-	-
Nuclear	1,238	1,238	1,240	1,252	1,252
Renewables	349	355	308	313	393
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	7,023	7,071	6,971	7,024	7,768

- = 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, 2005 - 2009**Nebraska (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	269	272	273	278	278
Solar	-	-	-	-	-
Wind	73	73	25	25	105
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	3	6	6	6	6
Other Biomass	4	4	5	5	5
Total	349	355	308	313	393

- = 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, 2005 - 2009**Nebraska (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	21,652	21,461	20,776	22,273	23,684
Coal	20,818	20,683	19,630	21,480	23,350
Petroleum	31	19	36	35	23
Natural Gas	803	759	1,110	758	312
Other Gases	s	-	-	-	-
Nuclear	8,802	9,003	11,042	9,479	9,435
Renewables	1,011	1,207	625	622	883
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	31,465	31,670	32,443	32,374	34,002

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, 2005 - 2009**Nebraska (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	871	893	347	346	434
Solar	-	-	-	-	-
Wind	97	261	217	214	383
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	25	37	46	45	47
Other Biomass	18	15	15	16	19
Total	1,011	1,207	625	622	883

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Nevada (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	7,481	8,412	8,638	9,942	9,950
Coal	2,657	2,657	2,689	2,916	2,916
Petroleum	45	45	45	45	45
Natural Gas	4,779	5,711	5,905	6,982	6,990
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,233	1,236	1,316	1,355	1,446
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	8,714	9,648	9,954	11,297	11,396

- = 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, 2005 - 2009**Nevada (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	185	188	189	215	306
Hydro Conventional	1,047	1,047	1,048	1,051	1,051
Solar	-	-	79	89	89
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	1,233	1,236	1,316	1,355	1,446

- = 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, 2005 - 2009**Nevada (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	37,249	28,459	29,370	31,801	33,436
Coal	18,384	7,254	7,091	7,812	7,540
Petroleum	21	17	11	14	16
Natural Gas	18,836	21,184	22,263	23,972	25,878
Other Gases	8	4	4	2	2
Nuclear	-	-	-	-	-
Renewables	2,965	3,401	3,300	3,289	4,269
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	40,214	31,860	32,670	35,090	37,705

- = 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, 2005 - 2009**Nevada (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	1,263	1,344	1,253	1,383	1,633
Hydro Conventional	1,702	2,058	2,003	1,751	2,461
Solar	-	-	44	156	174
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	1
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	2,965	3,401	3,300	3,289	4,269

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**New Hampshire (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	2,458	2,411	2,371	2,235	2,226
Coal	575	528	528	528	528
Petroleum	529	529	503	503	501
Natural Gas	1,354	1,354	1,341	1,205	1,198
Other Gases	-	-	-	-	-
Nuclear	1,220	1,244	1,245	1,245	1,247
Renewables	643	685	663	694	691
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	4,321	4,340	4,280	4,174	4,165

- = 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, 2005 - 2009**New Hampshire (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	507	512	494	500	498
Solar	-	-	-	-	-
Wind	-	-	-	24	24
Wood/Wood Waste	104	141	140	140	140
MSW/Landfill Gas	31	31	29	29	29
Other Biomass	-	-	-	-	-
Total	643	685	663	694	691

- = 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, 2005 - 2009**New Hampshire (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	12,215	10,331	10,066	10,660	8,411
Coal	4,073	3,885	3,927	3,451	2,886
Petroleum	1,357	439	385	136	183
Natural Gas	6,785	6,007	5,754	7,073	5,342
Other Gases	-	-	-	-	-
Nuclear	9,456	9,398	10,764	9,350	8,817
Renewables	2,741	2,275	2,389	2,808	2,878
Pumped Storage	-	-	-	-	-
Other	58	59	59	58	58
Total	24,470	22,064	23,277	22,877	20,164

- = 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, 2005 - 2009**New Hampshire (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,799	1,529	1,265	1,633	1,680
Solar	-	-	-	-	-
Wind	-	-	-	10	62
Wood/Wood Waste	786	590	970	1,010	984
MSW Biogenic/Landfill Gas	156	156	153	155	151
Other Biomass	-	-	-	-	-
Total	2,741	2,275	2,389	2,808	2,878

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**New Jersey (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	12,937	14,363	13,741	13,771	13,759
Coal	2,077	2,124	2,054	2,054	2,065
Petroleum	1,782	1,810	1,345	1,514	1,362
Natural Gas	9,058	10,385	10,298	10,159	10,288
Other Gases	21	44	44	44	44
Nuclear	3,984	3,984	3,984	4,108	4,108
Renewables	204	212	215	219	221
Pumped Storage	400	400	400	400	400
Other	11	11	11	11	11
Total	17,536	18,971	18,352	18,508	18,499

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, 2005 - 2009**New Jersey (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	3	5	4	4	6
Solar	-	-	2	4	13
Wind	-	8	8	8	8
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	181	181	182	184	175
Other Biomass	20	20	20	20	20
Total	204	212	215	219	221

- = 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, 2005 - 2009**New Jersey (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	27,997	26,910	29,576	30,264	26,173
Coal	11,625	10,862	10,211	9,028	5,100
Petroleum	940	270	453	325	278
Natural Gas	15,366	15,668	18,752	20,752	20,625
Other Gases	65	110	161	159	170
Nuclear	31,392	32,568	32,010	32,195	34,328
Renewables	906	952	864	931	992
Pumped Storage	-283	-299	-269	-275	-202
Other	538	569	489	559	520
Total	60,550	60,700	62,671	63,675	61,811

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, 2005 - 2009**New Jersey (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	31	35	21	26	32
Solar	-	-	-	3	11
Wind	-	16	20	21	21
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	872	803	822	879	925
Other Biomass	2	98	1	3	4
Total	906	952	864	931	992

- = 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 (2009)

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	7,993	100.0
Total Net Summer Renewable Capacity	686	8.6
Geothermal	-	-
Hydro Conventional	82	1.0
Solar	-	-
Wind	597	7.5
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	6	0.1
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	39,674	100.0
Total Renewable Net Generation	1,851	4.7
Geothermal	-	-
Hydro Conventional	271	0.7
Solar	-	-
Wind	1,547	3.9
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	-	-
Other Biomass	34	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, 2005 - 2009**New Mexico (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	5,988	6,520	6,620	7,366	7,308
Coal	3,957	3,957	3,957	3,957	3,977
Petroleum	37	28	28	28	28
Natural Gas	1,994	2,535	2,634	3,381	3,302
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	492	582	582	584	686
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	6,480	7,102	7,202	7,950	7,993

- = 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, 2005 - 2009**New Mexico (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	82	82	82	82	82
Solar	-	-	-	-	-
Wind	404	494	494	496	597
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	6	6	6	6	6
Total	492	582	582	584	686

- = 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, 2005 - 2009**New Mexico (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	34,171	35,790	34,308	35,033	37,823
Coal	29,947	29,859	27,604	27,014	29,117
Petroleum	37	41	44	53	45
Natural Gas	4,187	5,890	6,660	7,966	8,661
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	964	1,476	1,677	1,974	1,851
Pumped Storage	-	-	-	-	-
Other	-	-	-	3	-
Total	35,136	37,266	35,985	37,010	39,674

- = 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, 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, 2005 - 2009**New Mexico (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	165	198	268	312	271
Solar	-	-	-	-	-
Wind	795	1,255	1,393	1,643	1,547
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	5	22	16	19	34
Total	964	1,476	1,677	1,974	1,851

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**New York (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	27,943	28,071	27,582	26,726	27,022
Coal	4,218	4,014	3,570	2,899	2,804
Petroleum	7,231	7,241	7,286	7,273	7,335
Natural Gas	16,494	16,816	16,727	16,554	16,882
Other Gases	-	-	-	-	-
Nuclear	5,150	5,156	5,156	5,264	5,262
Renewables	4,732	5,027	5,087	5,433	6,013
Pumped Storage	1,297	1,297	1,297	1,297	1,374
Other	-	-	-	-	-
Total	39,122	39,550	39,121	38,720	39,671

- = 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, 2005 - 2009**New York (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	4,207	4,307	4,301	4,299	4,310
Solar	-	-	-	-	-
Wind	185	370	425	707	1,274
Wood/Wood Waste	37	37	37	87	86
MSW/Landfill Gas	303	313	324	340	344
Other Biomass	-	-	-	-	-
Total	4,732	5,027	5,087	5,433	6,013

- = 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, 2005 - 2009**New York (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	76,483	69,880	75,234	66,756	57,187
Coal	20,598	20,968	21,406	19,154	12,759
Petroleum	24,013	6,778	8,195	3,745	2,648
Natural Gas	31,873	42,134	45,634	43,856	41,780
Other Gases	-	-	-	-	-
Nuclear	42,443	42,224	42,453	43,209	43,485
Renewables	27,771	29,941	28,028	30,042	32,082
Pumped Storage	-781	-756	-768	-672	-480
Other	971	977	932	987	877
Total	146,887	142,265	145,879	140,322	133,151

- = 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, 2005 - 2009**New York (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	25,783	27,345	25,253	26,723	27,615
Solar	-	-	-	-	-
Wind	103	655	833	1,251	2,266
Wood/Wood Waste	528	522	492	555	536
MSW Biogenic/Landfill Gas	1,344	1,410	1,442	1,513	1,665
Other Biomass	14	10	7	-	-
Total	27,771	29,941	28,028	30,042	32,082

- = 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. 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 (2009)

North Carolina

Primary Renewable Energy Capacity Source
Primary Renewable Energy Generation Source

Hydro Conventional
Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	27,618	100.0
Total Net Summer Renewable Capacity	2,294	8.3
Geothermal	-	-
Hydro Conventional	1,952	7.1
Solar	3	*
Wind	-	-
Wood/Wood Waste	318	1.2
MSW/Landfill Gas	20	0.1
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	118,407	100.0
Total Renewable Net Generation	7,065	6.0
Geothermal	-	-
Hydro Conventional	5,171	4.4
Solar	5	*
Wind	-	-
Wood/Wood Waste	1,757	1.5
MSW Biogenic/Landfill Gas	120	0.1
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, 2005 - 2009**North Carolina (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	19,787	19,673	20,247	20,305	20,230
Coal	13,196	13,113	13,068	13,069	12,952
Petroleum	594	563	564	558	560
Natural Gas	5,997	5,997	6,616	6,679	6,718
Other Gases	-	-	-	-	-
Nuclear	4,938	4,975	4,975	4,958	4,958
Renewables	2,250	2,292	2,301	2,294	2,294
Pumped Storage	95	84	84	90	86
Other	37	37	37	47	50
Total	27,107	27,061	27,644	27,694	27,618

- = 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, 2005 - 2009**North Carolina (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,945	1,954	1,960	1,952	1,952
Solar	-	-	-	3	3
Wind	-	-	-	-	-
Wood/Wood Waste	291	324	324	318	318
MSW/Landfill Gas	14	14	18	20	20
Other Biomass	-	-	-	-	-
Total	2,250	2,292	2,301	2,294	2,294

- = 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, 2005 - 2009**North Carolina (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	82,114	79,134	84,935	80,312	70,232
Coal	78,436	75,487	79,983	75,815	65,083
Petroleum	519	451	496	320	297
Natural Gas	3,159	3,196	4,457	4,177	4,852
Other Gases	-	-	-	-	-
Nuclear	39,982	39,963	40,045	39,776	40,848
Renewables	7,204	5,667	4,656	4,956	7,065
Pumped Storage	147	131	137	-121	43
Other	303	319	342	316	220
Total	129,749	125,215	130,115	125,239	118,407

- = 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, 2005 - 2009**North Carolina (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	5,397	3,839	2,984	3,034	5,171
Solar	-	-	-	2	5
Wind	-	-	-	-	-
Wood/Wood Waste	1,709	1,737	1,585	1,800	1,757
MSW Biogenic/Landfill Gas	87	88	86	102	120
Other Biomass	11	4	1	19	11
Total	7,204	5,667	4,656	4,956	7,065

- = 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 (2009)

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	5,963	100.0
Total Net Summer Renewable Capacity	1,720	28.8
Geothermal	-	-
Hydro Conventional	508	8.5
Solar	-	-
Wind	1,202	20.2
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	10	0.2
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	34,196	100.0
Total Renewable Net Generation	4,484	13.1
Geothermal	-	-
Hydro Conventional	1,475	4.3
Solar	-	-
Wind	2,998	8.8
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, 2005 - 2009**North Dakota (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	4,220	4,222	4,212	4,212	4,243
Coal	4,127	4,127	4,119	4,119	4,148
Petroleum	75	77	75	75	71
Natural Gas	10	10	10	10	15
Other Gases	8	8	8	8	8
Nuclear	-	-	-	-	-
Renewables	537	617	879	1,272	1,720
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	4,758	4,839	5,091	5,484	5,963

- = 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, 2005 - 2009**North Dakota (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	432	443	486	486	508
Solar	-	-	-	-	-
Wind	96	164	383	776	1,202
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	10	10	10	10	10
Total	537	617	879	1,272	1,720

- = 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. 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, 2005 - 2009**North Dakota (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	30,360	28,987	29,283	29,721	29,712
Coal	30,259	28,879	29,164	29,672	29,607
Petroleum	34	42	51	49	45
Natural Gas	8	7	17	s	17
Other Gases	59	59	53	-	44
Nuclear	-	-	-	-	-
Renewables	1,572	1,894	1,940	2,959	4,484
Pumped Storage	-	-	-	-	-
Other	-	-	1	54	-
Total	31,933	30,881	31,224	32,735	34,196

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, 2005 - 2009**North Dakota (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,342	1,521	1,305	1,253	1,475
Solar	-	-	-	-	-
Wind	220	369	621	1,693	2,998
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	10	4	14	13	12
Total	1,572	1,894	1,940	2,959	4,484

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Ohio (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	31,627	31,582	31,418	31,154	31,189
Coal	22,313	22,264	22,074	21,815	21,858
Petroleum	1,057	1,057	1,075	1,047	1,047
Natural Gas	8,157	8,161	8,169	8,192	8,184
Other Gases	100	100	100	100	100
Nuclear	2,108	2,120	2,124	2,124	2,134
Renewables	135	175	213	214	216
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	33,870	33,877	33,755	33,492	33,539

- = 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, 2005 - 2009**Ohio (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	101	101	101	101	101
Solar	-	-	-	-	-
Wind	7	7	7	7	7
Wood/Wood Waste	24	64	64	65	65
MSW/Landfill Gas	4	4	41	41	41
Other Biomass	-	-	-	-	1
Total	135	175	213	214	216

- = 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, 2005 - 2009**Ohio (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	141,210	137,494	138,543	134,878	119,712
Coal	136,826	133,400	133,131	130,694	113,712
Petroleum	1,390	1,355	1,148	1,438	1,312
Natural Gas	2,696	2,379	3,975	2,484	4,650
Other Gases	298	360	289	261	37
Nuclear	14,803	16,847	15,764	17,514	15,206
Renewables	961	1,091	846	1,010	1,161
Pumped Storage	-	-	-	-	-
Other	2	3	3	11	11
Total	156,976	155,434	155,156	153,412	136,090

- = 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, 2005 - 2009**Ohio (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	516	632	410	386	528
Solar	-	-	-	-	-
Wind	13	14	15	15	14
Wood/Wood Waste	406	410	399	418	410
MSW Biogenic/Landfill Gas	23	24	11	183	198
Other Biomass	4	10	10	8	11
Total	961	1,091	846	1,010	1,161

- = 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 (2009)

Oklahoma

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	20,849	100.0
Total Net Summer Renewable Capacity	2,057	9.9
Geothermal	-	-
Hydro Conventional	854	4.1
Solar	-	-
Wind	1,130	5.4
Wood/Wood Waste	58	0.3
MSW/Landfill Gas	16	0.1
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	75,067	100.0
Total Renewable Net Generation	6,482	8.6
Geothermal	-	-
Hydro Conventional	3,553	4.7
Solar	-	-
Wind	2,698	3.6
Wood/Wood Waste	68	0.1
MSW Biogenic/Landfill Gas	-	0.0
Other Biomass	163	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, 2005 - 2009**Oklahoma (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	18,160	18,301	18,083	18,364	18,532
Coal	5,355	5,372	5,364	5,302	5,330
Petroleum	71	75	70	71	71
Natural Gas	12,735	12,854	12,649	12,985	13,125
Other Gases	-	-	-	6	6
Nuclear	-	-	-	-	-
Renewables	1,353	1,524	1,618	1,637	2,057
Pumped Storage	260	260	260	260	260
Other	-	-	-	-	-
Total	19,773	20,085	19,962	20,262	20,849

- = 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, 2005 - 2009**Oklahoma (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	800	851	851	851	854
Solar	-	-	-	-	-
Wind	474	594	689	708	1,130
Wood/Wood Waste	63	63	63	63	58
MSW/Landfill Gas	16	16	16	16	16
Other Biomass	-	-	-	-	-
Total	1,353	1,524	1,618	1,637	2,057

- = 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, 2005 - 2009**Oklahoma (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	64,988	68,093	67,765	70,122	68,700
Coal	36,309	35,032	34,438	36,315	34,059
Petroleum	70	64	160	23	9
Natural Gas	28,590	32,981	33,144	33,774	34,631
Other Gases	19	16	22	10	-
Nuclear	-	-	-	-	-
Renewables	3,767	2,633	5,195	6,362	6,482
Pumped Storage	-154	-116	-166	-168	-117
Other	6	5	25	13	2
Total	68,608	70,615	72,819	76,329	75,067

- = 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, 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, 2005 - 2009**Oklahoma (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	2,630	624	3,066	3,811	3,553
Solar	-	-	-	-	-
Wind	848	1,712	1,849	2,358	2,698
Wood/Wood Waste	289	297	276	23	68
MSW Biogenic/Landfill Gas	-	-	4	5	-
Other Biomass	-	-	-	164	163
Total	3,767	2,633	5,195	6,362	6,482

- = 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 (2009)

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	13,985	100.0
Total Net Summer Renewable Capacity	10,359	74.1
Geothermal	-	-
Hydro Conventional	8,430	60.3
Solar	-	-
Wind	1,659	11.9
Wood/Wood Waste	241	1.7
MSW/Landfill Gas	26	0.2
Other Biomass	3	*
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	56,691	100.0
Total Renewable Net Generation	37,306	65.8
Geothermal	-	-
Hydro Conventional	33,034	58.3
Solar	-	-
Wind	3,470	6.1
Wood/Wood Waste	674	1.2
MSW Biogenic/Landfill Gas	128	0.2
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, 2005 - 2009**Oregon (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	3,355	3,349	3,686	3,653	3,626
Coal	585	585	585	585	585
Petroleum	-	-	-	-	-
Natural Gas	2,770	2,764	3,101	3,068	3,041
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	8,844	8,984	9,523	9,676	10,359
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	12,198	12,333	13,209	13,328	13,985

- = 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, 2005 - 2009**Oregon (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	8,336	8,374	8,385	8,364	8,430
Solar	-	-	-	-	-
Wind	298	399	885	1,059	1,659
Wood/Wood Waste	193	195	215	230	241
MSW/Landfill Gas	14	14	20	20	26
Other Biomass	3	3	18	3	3
Total	8,844	8,984	9,523	9,676	10,359

- = 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, 2005 - 2009**Oregon (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Coal	3,466	2,371	4,352	4,044	3,197
Petroleum	78	12	14	15	8
Natural Gas	13,191	11,239	14,858	17,387	16,133
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	32,549	39,679	35,816	37,228	37,306
Pumped Storage	-	-	-	-	-
Other	40	40	38	44	47
Total	49,325	53,341	55,078	58,718	56,691

- = 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, 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, 2005 - 2009**Oregon (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	30,948	37,850	33,587	33,805	33,034
Solar	-	-	-	-	-
Wind	734	931	1,247	2,575	3,470
Wood/Wood Waste	768	799	843	717	674
MSW Biogenic/Landfill Gas	71	71	100	131	128
Other Biomass	27	28	38	-	-
Total	32,549	39,679	35,816	37,228	37,306

- = 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 (2009)

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	45,611	100.0
Total Net Summer Renewable Capacity	1,971	4.3
Geothermal	-	-
Hydro Conventional	747	1.6
Solar	2	*
Wind	696	1.5
Wood/Wood Waste	108	0.2
MSW/Landfill Gas	419	0.9
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	219,496	100.0
Total Renewable Net Generation	6,035	2.7
Geothermal	-	-
Hydro Conventional	2,683	1.2
Solar	4	*
Wind	1,075	0.5
Wood/Wood Waste	694	0.3
MSW Biogenic/Landfill Gas	1,577	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, 2005 - 2009**Pennsylvania (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	32,774	32,893	32,751	32,654	32,663
Coal	18,659	18,771	18,581	18,513	18,539
Petroleum	4,604	4,664	4,660	4,540	4,533
Natural Gas	9,400	9,349	9,410	9,507	9,491
Other Gases	110	110	100	94	101
Nuclear	9,195	9,234	9,305	9,337	9,455
Renewables	1,423	1,365	1,529	1,619	1,971
Pumped Storage	1,505	1,513	1,521	1,521	1,521
Other	-	-	-	-	-
Total	44,897	45,005	45,106	45,130	45,611

- = 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, 2005 - 2009**Pennsylvania (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	748	748	748	751	747
Solar	-	-	-	2	2
Wind	223	150	293	361	696
Wood/Wood Waste	108	108	108	108	108
MSW/Landfill Gas	344	359	379	397	419
Other Biomass	-	-	-	-	-
Total	1,423	1,365	1,529	1,619	1,971

- = 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, 2005 - 2009**Pennsylvania (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	137,221	138,173	143,909	137,862	136,047
Coal	120,933	122,558	122,693	117,583	105,475
Petroleum	4,940	1,518	1,484	938	915
Natural Gas	10,808	13,542	19,198	18,731	29,215
Other Gases	540	554	534	610	443
Nuclear	76,289	75,298	77,376	78,658	77,328
Renewables	4,561	5,317	4,782	5,353	6,035
Pumped Storage	-711	-698	-723	-354	-731
Other	731	723	744	832	817
Total	218,091	218,812	226,088	222,351	219,496

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, 2005 - 2009**Pennsylvania (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	2,232	2,844	2,236	2,549	2,683
Solar	-	-	-	s	4
Wind	284	361	470	729	1,075
Wood/Wood Waste	687	683	620	658	694
MSW Biogenic/Landfill Gas	1,352	1,411	1,441	1,414	1,577
Other Biomass	6	18	16	2	3
Total	4,561	5,317	4,782	5,353	6,035

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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Rhode Island (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	1,720	1,743	1,754	1,754	1,754
Coal	-	-	-	-	-
Petroleum	29	31	29	26	16
Natural Gas	1,691	1,712	1,725	1,728	1,738
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	28	28	28	26	26
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	1,748	1,771	1,782	1,780	1,780

- = 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, 2005 - 2009**Rhode Island (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	4	4	4	3	3
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	24	24	24	24	24
Other Biomass	-	-	-	-	-
Total	28	28	28	26	26

- = 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, 2005 - 2009**Rhode Island (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	6,047	5,813	6,891	7,224	7,547
Coal	-	-	-	-	-
Petroleum	57	33	34	26	17
Natural Gas	5,989	5,780	6,857	7,198	7,530
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	7	155	159	163	149
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	6,053	5,968	7,050	7,387	7,697

- = 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, 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, 2005 - 2009**Rhode Island (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	7	6	4	5	5
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	149	155	158	145
Other Biomass	-	-	-	-	-
Total	7	155	159	163	149

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**South Carolina (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	11,880	12,100	12,682	13,281	13,189
Coal	6,072	6,088	6,641	7,242	7,210
Petroleum	692	685	685	705	669
Natural Gas	5,116	5,327	5,355	5,335	5,311
Other Gases	-	-	-	-	-
Nuclear	6,472	6,472	6,472	6,472	6,486
Renewables	1,583	1,594	1,587	1,592	1,580
Pumped Storage	2,616	2,616	2,826	2,666	2,716
Other	-	-	-	-	-
Total	22,551	22,782	23,566	24,012	23,971

- = 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, 2005 - 2009**South Carolina (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,348	1,345	1,337	1,337	1,337
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	217	220	220	220	220
MSW/Landfill Gas	19	29	29	35	23
Other Biomass	-	-	-	-	-
Total	1,583	1,594	1,587	1,592	1,580

- = 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, 2005 - 2009**South Carolina (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	45,730	45,778	47,765	47,449	44,781
Coal	39,692	39,473	41,583	41,540	34,478
Petroleum	618	237	217	180	523
Natural Gas	5,414	6,068	5,965	5,729	9,780
Other Gases	6	s	s	-	-
Nuclear	53,138	50,797	53,200	51,763	52,150
Renewables	4,752	3,717	3,552	2,939	4,080
Pumped Storage	-1,199	-1,120	-1,211	-1,267	-976
Other	94	95	96	94	91
Total	102,515	99,268	103,402	100,978	100,125

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, 2005 - 2009**South Carolina (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	2,938	1,807	1,556	1,123	2,332
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,726	1,804	1,895	1,696	1,611
MSW Biogenic/Landfill Gas	88	106	101	120	137
Other Biomass	-	-	-	-	-
Total	4,752	3,717	3,552	2,939	4,080

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**South Dakota (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	1,259	1,374	1,364	1,449	1,448
Coal	482	492	492	497	497
Petroleum	224	232	226	230	230
Natural Gas	553	649	645	722	722
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,543	1,559	1,506	1,656	1,914
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	2,802	2,933	2,870	3,105	3,362

- = 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, 2005 - 2009**South Dakota (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,500	1,516	1,463	1,463	1,594
Solar	-	-	-	-	-
Wind	43	43	43	193	320
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	1,543	1,559	1,506	1,656	1,914

- = 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, 2005 - 2009**South Dakota (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	3,288	3,586	3,069	3,912	3,306
Coal	2,996	3,316	2,655	3,660	3,217
Petroleum	21	5	63	23	8
Natural Gas	271	266	351	229	80
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	3,233	3,546	3,067	3,140	4,859
Pumped Storage	-	-	-	-	-
Other	s	s	s	31	31
Total	6,521	7,132	6,137	7,083	8,197

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, 2005 - 2009**South Dakota (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	3,075	3,397	2,917	2,993	4,432
Solar	-	-	-	-	-
Wind	158	149	150	145	421
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	2	6
Total	3,233	3,546	3,067	3,140	4,859

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Tennessee (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	12,997	13,051	12,974	12,999	12,982
Coal	8,874	8,841	8,816	8,841	8,805
Petroleum	58	58	58	58	58
Natural Gas	4,066	4,153	4,101	4,101	4,120
Other Gases	-	-	-	-	-
Nuclear	3,398	3,398	3,397	3,397	3,401
Renewables	2,756	2,821	2,838	2,842	2,817
Pumped Storage	1,597	1,635	1,653	1,653	1,653
Other	-	-	-	-	-
Total	20,749	20,905	20,861	20,891	20,852

- = 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, 2005 - 2009**Tennessee (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	2,608	2,638	2,635	2,639	2,614
Solar	-	-	-	-	-
Wind	29	29	29	29	29
Wood/Wood Waste	113	147	165	165	165
MSW/Landfill Gas	5	5	8	8	8
Other Biomass	2	2	2	2	2
Total	2,756	2,821	2,838	2,842	2,817

- = 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, 2005 - 2009**Tennessee (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	59,828	61,336	61,205	57,753	42,242
Coal	59,051	60,498	60,237	57,058	41,633
Petroleum	231	160	232	216	187
Natural Gas	531	664	722	467	409
Other Gases	15	14	13	12	12
Nuclear	27,803	24,679	28,700	27,030	26,962
Renewables	10,076	8,559	5,910	6,611	11,162
Pumped Storage	-598	-668	-704	-739	-650
Other	9	5	3	8	1
Total	97,117	93,911	95,113	90,663	79,717

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, 2005 - 2009**Tennessee (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	9,310	7,749	4,940	5,646	10,212
Solar	-	-	-	-	-
Wind	3	55	50	50	52
Wood/Wood Waste	695	698	868	879	862
MSW Biogenic/Landfill Gas	27	24	19	27	29
Other Biomass	41	35	33	9	7
Total	10,076	8,559	5,910	6,611	11,162

- = 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 (2009)

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	103,037	100.0
Total Net Summer Renewable Capacity	10,354	10.0
Geothermal	-	-
Hydro Conventional	689	0.7
Solar	-	-
Wind	9,378	9.1
Wood/Wood Waste	180	0.2
MSW/Landfill Gas	79	0.1
Other Biomass	28	*
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	397,168	100.0
Total Renewable Net Generation	22,133	5.6
Geothermal	-	-
Hydro Conventional	1,029	0.3
Solar	-	-
Wind	20,026	5.0
Wood/Wood Waste	649	0.2
MSW Biogenic/Landfill Gas	398	0.1
Other Biomass	31	*

* = 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, 2005 - 2009**Texas (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	93,373	92,088	91,494	91,450	87,547
Coal	20,188	19,843	19,817	20,189	20,247
Petroleum	222	220	216	218	221
Natural Gas	72,726	71,737	71,152	70,856	66,896
Other Gases	237	287	308	187	184
Nuclear	4,860	4,860	4,860	4,927	4,927
Renewables	2,614	3,607	5,385	8,380	10,354
Pumped Storage	-	-	-	-	-
Other	199	200	199	209	209
Total	101,046	100,754	101,938	104,966	103,037

- = 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, 2005 - 2009**Texas (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	673	681	673	673	689
Solar	-	-	-	-	-
Wind	1,755	2,738	4,490	7,427	9,378
Wood/Wood Waste	130	130	130	180	180
MSW/Landfill Gas	41	42	72	73	79
Other Biomass	16	16	21	29	28
Total	2,614	3,607	5,385	8,380	10,354

- = 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, 2005 - 2009**Texas (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	350,878	349,849	351,720	344,813	333,227
Coal	148,358	146,391	147,279	147,132	139,107
Petroleum	1,583	1,789	1,309	1,034	1,405
Natural Gas	197,665	197,870	199,531	193,247	189,066
Other Gases	3,272	3,798	3,601	3,401	3,649
Nuclear	38,232	41,264	40,955	40,727	41,498
Renewables	6,668	8,480	11,932	18,679	22,133
Pumped Storage	-	-	-	-	-
Other	890	989	885	569	310
Total	396,669	400,583	405,492	404,788	397,168

- = 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, 2005 - 2009**Texas (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,333	662	1,644	1,039	1,029
Solar	-	-	-	-	-
Wind	4,237	6,671	9,006	16,225	20,026
Wood/Wood Waste	852	892	914	976	649
MSW Biogenic/Landfill Gas	207	219	322	401	398
Other Biomass	40	37	45	38	31
Total	6,668	8,480	11,932	18,679	22,133

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Utah (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	6,249	6,398	6,830	6,819	6,897
Coal	4,891	4,891	4,871	4,871	4,871
Petroleum	35	35	25	25	25
Natural Gas	1,323	1,473	1,934	1,923	2,002
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	279	282	293	313	521
Pumped Storage	-	-	-	-	-
Other	-	32	-	-	-
Total	6,528	6,712	7,122	7,132	7,418

- = 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, 2005 - 2009**Utah (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	23	23	33	34	34
Hydro Conventional	255	255	255	256	256
Solar	-	-	-	-	-
Wind	-	-	-	19	222
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	1	4	5	5	9
Other Biomass	-	-	-	-	-
Total	279	282	293	313	521

- = 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, 2005 - 2009**Utah (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	37,189	40,306	44,634	45,466	42,034
Coal	35,970	36,856	37,171	38,020	35,526
Petroleum	41	62	39	44	36
Natural Gas	1,178	3,389	7,424	7,366	6,444
Other Gases	-	-	-	36	28
Nuclear	-	-	-	-	-
Renewables	973	952	734	970	1,322
Pumped Storage	-	-	-	-	-
Other	3	5	5	143	187
Total	38,165	41,263	45,373	46,579	43,543

- = 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, 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, 2005 - 2009**Utah (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	185	191	164	254	279
Hydro Conventional	784	747	539	668	835
Solar	-	-	-	-	-
Wind	-	-	-	24	160
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	4	15	31	24	48
Other Biomass	-	-	-	-	-
Total	973	952	734	970	1,322

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Vermont (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	107	108	101	101	100
Coal	-	-	-	-	-
Petroleum	107	108	101	101	100
Natural Gas	-	-	-	-	-
Other Gases	-	-	-	-	-
Nuclear	506	620	620	620	620
Renewables	389	390	389	406	406
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	1,002	1,117	1,111	1,127	1,126

- = 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, 2005 - 2009**Vermont (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	309	309	308	322	322
Solar	-	-	-	-	-
Wind	5	5	5	5	5
Wood/Wood Waste	76	76	76	76	76
MSW/Landfill Gas	-	-	-	3	3
Other Biomass	-	-	-	-	-
Total	389	390	389	406	406

- = 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, 2005 - 2009**Vermont (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	12	9	10	7	7
Coal	-	-	-	-	-
Petroleum	10	7	8	4	2
Natural Gas	2	2	2	3	4
Other Gases	-	-	-	-	-
Nuclear	4,072	5,107	4,704	4,895	5,361
Renewables	1,633	1,969	1,110	1,918	1,915
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	5,717	7,084	5,824	6,820	7,282

- = 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, 2005 - 2009**Vermont (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,211	1,519	647	1,493	1,486
Solar	-	-	-	-	-
Wind	11	11	11	10	12
Wood/Wood Waste	410	439	453	415	393
MSW Biogenic/Landfill Gas	-	-	-	-	24
Other Biomass	-	-	-	-	-
Total	1,633	1,969	1,110	1,918	1,915

- = 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 (2009)

Virginia

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	23,788	100.0
Total Net Summer Renewable Capacity	1,403	5.9
Geothermal	-	-
Hydro Conventional	716	3.0
Solar	-	-
Wind	-	-
Wood/Wood Waste	409	1.7
MSW/Landfill Gas	278	1.2
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	70,082	100.0
Total Renewable Net Generation	3,896	5.6
Geothermal	-	-
Hydro Conventional	1,479	2.1
Solar	-	-
Wind	-	-
Wood/Wood Waste	1,708	2.4
MSW Biogenic/Landfill Gas	695	1.0
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, 2005 - 2009**Virginia (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	15,001	14,968	15,080	15,543	15,740
Coal	5,783	5,774	5,794	5,773	5,777
Petroleum	2,390	2,386	2,418	2,418	2,427
Natural Gas	6,828	6,809	6,869	7,351	7,536
Other Gases	-	-	-	-	-
Nuclear	3,432	3,432	3,404	3,404	3,404
Renewables	1,249	1,251	1,347	1,368	1,403
Pumped Storage	2,917	2,997	3,161	3,161	3,241
Other	-	-	-	-	-
Total	22,599	22,648	22,992	23,476	23,788

- = 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, 2005 - 2009**Virginia (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	672	671	675	677	716
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	409	410	418	422	409
MSW/Landfill Gas	168	170	254	269	278
Other Biomass	-	-	-	-	-
Total	1,249	1,251	1,347	1,368	1,403

- = 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, 2005 - 2009**Virginia (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	47,984	42,343	48,422	42,242	38,888
Coal	35,425	34,288	35,421	31,776	25,599
Petroleum	4,265	839	2,097	1,150	1,088
Natural Gas	8,295	7,215	10,904	9,315	12,201
Other Gases	-	-	-	-	-
Nuclear	27,918	27,594	27,268	27,931	28,212
Renewables	3,982	3,810	3,814	3,709	3,896
Pumped Storage	-1,421	-1,167	-1,620	-1,638	-1,335
Other	479	491	477	434	420
Total	78,943	73,070	78,361	72,679	70,082

- = 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, 2005 - 2009**Virginia (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,484	1,351	1,248	1,011	1,479
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,803	1,780	1,792	1,916	1,708
MSW Biogenic/Landfill Gas	674	662	753	761	695
Other Biomass	21	17	20	21	14
Total	3,982	3,810	3,814	3,709	3,896

- = 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.

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**Washington (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	4,439	4,436	4,343	5,130	5,145
Coal	1,405	1,405	1,405	1,376	1,376
Petroleum	40	40	4	4	5
Natural Gas	2,994	2,991	2,933	3,750	3,764
Other Gases	-	-	-	-	-
Nuclear	1,131	1,131	1,131	1,131	1,131
Renewables	21,907	22,343	22,828	22,919	23,504
Pumped Storage	314	314	314	314	314
Other	-	-	-	-	-
Total	27,791	28,224	28,615	29,494	30,095

- = 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, 2005 - 2009**Washington (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	21,146	21,156	21,333	21,203	21,088
Solar	-	-	1	1	1
Wind	393	821	1,162	1,365	2,006
Wood/Wood Waste	328	326	296	314	369
MSW/Landfill Gas	35	35	36	36	41
Other Biomass	4	4	-	-	-
Total	21,907	22,343	22,828	22,919	23,504

- = 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. 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, 2005 - 2009**Washington (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	19,462	14,255	16,215	18,879	19,747
Coal	10,494	6,373	8,557	8,762	7,478
Petroleum	67	38	37	35	54
Natural Gas	8,579	7,495	7,287	9,809	11,971
Other Gases	322	349	334	272	245
Nuclear	8,242	9,328	8,109	9,270	6,634
Renewables	74,188	84,510	82,560	82,575	77,977
Pumped Storage	8	47	45	49	52
Other	65	62	62	56	59
Total	101,966	108,203	106,990	110,828	104,470

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 cogenerated 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, 2005 - 2009**Washington (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	72,075	82,008	78,829	77,637	72,933
Solar	-	-	-	-	-
Wind	498	1,038	2,438	3,657	3,572
Wood/Wood Waste	1,425	1,281	1,116	1,113	1,305
MSW Biogenic/Landfill Gas	171	165	163	156	156
Other Biomass	20	19	13	12	11
Total	74,188	84,510	82,560	82,575	77,977

- = 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 (2009)

West Virginia

Primary Renewable Energy Capacity Source
 Primary Renewable Energy Generation Source

Wind
 Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	16,360	100.0
Total Net Summer Renewable Capacity	594	3.6
Geothermal	-	-
Hydro Conventional	264	1.6
Solar	-	-
Wind	330	2.0
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	70,783	100.0
Total Renewable Net Generation	2,388	3.4
Geothermal	-	-
Hydro Conventional	1,646	2.3
Solar	-	-
Wind	742	1.0
Wood/Wood Waste	s	*
MSW Biogenic/Landfill Gas	-	-
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, 2005 - 2009**West Virginia (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	16,130	16,113	15,769	15,756	15,766
Coal	14,733	14,745	14,715	14,703	14,713
Petroleum	12	12	12	11	11
Natural Gas	1,386	1,357	1,042	1,042	1,042
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	330	330	330	594	594
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	16,460	16,443	16,099	16,350	16,360

- = 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, 2005 - 2009**West Virginia (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	264	264	264	264	264
Solar	-	-	-	-	-
Wind	66	66	66	330	330
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	330	330	330	594	594

- = 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, 2005 - 2009**West Virginia (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	92,013	92,063	92,511	89,481	68,395
Coal	91,417	91,473	91,866	89,113	68,080
Petroleum	223	175	200	137	169
Natural Gas	287	362	389	180	109
Other Gases	86	53	56	50	36
Nuclear	-	-	-	-	-
Renewables	1,602	1,746	1,422	1,640	2,388
Pumped Storage	-	-	-	-	-
Other	11	6	s	2	s
Total	93,626	93,816	93,933	91,123	70,783

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, 2005 - 2009**West Virginia (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,448	1,572	1,254	1,248	1,646
Solar	-	-	-	-	-
Wind	154	174	168	392	742
Wood/Wood Waste	s	-	-	s	-1
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	s	s	-	-	s
Total	1,602	1,746	1,422	1,640	2,388

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 (2009)

Wisconsin

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	17,744	100.0
Total Net Summer Renewable Capacity	1,212	6.8
Geothermal	-	-
Hydro Conventional	492	2.8
Solar	-	-
Wind	430	2.4
Wood/Wood Waste	208	1.2
MSW/Landfill Gas	72	0.4
Other Biomass	11	0.1
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	59,959	100.0
Total Renewable Net Generation	3,734	6.2
Geothermal	-	-
Hydro Conventional	1,394	2.3
Solar	-	-
Wind	1,052	1.8
Wood/Wood Waste	769	1.3
MSW Biogenic/Landfill Gas	489	0.8
Other Biomass	30	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, 2005 - 2009**Wisconsin (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	13,800	14,000	13,926	15,015	14,928
Coal	7,146	7,063	6,945	7,597	7,519
Petroleum	789	881	949	874	873
Natural Gas	5,866	6,056	6,032	6,544	6,536
Other Gases	-	-	-	-	-
Nuclear	1,582	1,582	1,582	1,582	1,583
Renewables	805	813	836	1,003	1,212
Pumped Storage	-	-	-	-	-
Other	21	21	21	21	21
Total	16,208	16,415	16,365	17,622	17,744

- = 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 cogenerated 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, 2005 - 2009**Wisconsin (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	487	476	488	485	492
Solar	-	-	-	-	-
Wind	45	53	44	231	430
Wood/Wood Waste	221	220	232	208	208
MSW/Landfill Gas	50	62	71	72	72
Other Biomass	1	1	1	8	11
Total	805	813	836	1,003	1,212

- = 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, 2005 - 2009**Wisconsin (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	48,863	46,352	47,530	47,881	43,477
Coal	41,729	40,116	40,028	41,706	37,280
Petroleum	747	877	1,013	931	712
Natural Gas	6,387	5,358	6,489	5,244	5,484
Other Gases	-	-	-	-	-
Nuclear	9,921	12,234	12,910	12,155	12,683
Renewables	2,922	2,944	2,846	3,370	3,734
Pumped Storage	-	-	-	-	-
Other	119	110	104	74	65
Total	61,825	61,640	63,391	63,480	59,959

- = 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, 2005 - 2009**Wisconsin (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	1,740	1,679	1,516	1,616	1,394
Solar	-	-	-	-	-
Wind	93	101	109	487	1,052
Wood/Wood Waste	740	774	785	775	769
MSW Biogenic/Landfill Gas	325	375	414	474	489
Other Biomass	24	16	21	18	30
Total	2,922	2,944	2,846	3,370	3,734

- = 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 (2009)

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	7,566	100.0
Total Net Summer Renewable Capacity	1,408	18.6
Geothermal	-	-
Hydro Conventional	304	4.0
Solar	-	-
Wind	1,104	14.6
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-
Generation (thousand megawatthours)	Value	Percent of State Total
Total Electricity Net Generation	46,029	100.0
Total Renewable Net Generation	3,193	6.9
Geothermal	-	-
Hydro Conventional	967	2.1
Solar	-	-
Wind	2,226	4.8
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, 2005 - 2009**Wyoming (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	6,105	6,105	6,065	6,150	6,147
Coal	5,847	5,847	5,847	5,932	5,929
Petroleum	6	6	7	7	7
Natural Gas	160	160	120	120	120
Other Gases	92	92	92	92	92
Nuclear	-	-	-	-	-
Renewables	590	590	590	983	1,408
Pumped Storage	-	-	-	-	-
Other	12	12	12	12	12
Total	6,707	6,707	6,667	7,145	7,566

- = 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, 2005 - 2009**Wyoming (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	303	303	303	303	304
Solar	-	-	-	-	-
Wind	287	287	287	680	1,104
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	590	590	590	983	1,408

- = 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, 2005 - 2009**Wyoming (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	43,977	43,749	44,080	44,635	42,777
Coal	43,346	42,892	43,127	43,808	41,954
Petroleum	42	46	47	44	50
Natural Gas	325	501	594	495	488
Other Gases	264	310	312	289	284
Nuclear	-	-	-	-	-
Renewables	1,526	1,602	1,484	1,798	3,193
Pumped Storage	-	-	-	-	-
Other	65	49	69	67	60
Total	45,567	45,400	45,633	46,500	46,029

- = 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, 2005 - 2009**Wyoming (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	-	-	-	-	-
Hydro Conventional	808	843	729	835	967
Solar	-	-	-	-	-
Wind	717	759	755	963	2,226
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	1,526	1,602	1,484	1,798	3,193

- = 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 (2009)

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	1,025,400	100.0
Total Net Summer Renewable Capacity	127,070	12.4
Geothermal	2,382	0.2
Hydro Conventional	78,518	7.7
Solar	619	0.1
Wind	34,296	3.3
Wood/Wood Waste	6,939	0.7
MSW/Landfill Gas	3,645	0.4
Other Biomass	671	0.1
Generation (thousand megawatthours)	Value	Percent of U.S. Total
Total Electricity Net Generation	3,950,331	100.0
Total Renewable Net Generation	417,724	10.6
Geothermal	15,009	0.4
Hydro Conventional	273,445	6.9
Solar	891	*
Wind	73,886	1.9
Wood/Wood Waste	36,050	0.9
MSW Biogenic/Landfill Gas	15,982	0.4
Other Biomass	2,461	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. Total Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**United States (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Fossil	757,053	761,603	763,994	770,221	774,279
Coal	313,380	312,956	312,738	313,322	314,294
Petroleum	58,548	58,097	56,068	57,445	56,781
Natural Gas	383,061	388,294	392,876	397,460	401,272
Other Gases	2,063	2,256	2,313	1,995	1,932
Nuclear	99,988	100,334	100,266	100,755	101,004
Renewables	98,746	101,934	107,954	116,396	127,070
Pumped Storage	21,347	21,461	21,886	21,858	22,160
Other	887	882	788	942	888
Total	978,020	986,215	994,888	1,010,171	1,025,400

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. Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2005 - 2009**United States (megawatts)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	2,285	2,274	2,214	2,229	2,382
Hydro Conventional	77,541	77,821	77,885	77,930	78,518
Solar	411	411	502	536	619
Wind	8,706	11,329	16,515	24,651	34,296
Wood/Wood Waste	6,193	6,372	6,704	6,864	6,939
MSW/Landfill Gas	3,055	3,166	3,536	3,644	3,645
Other Biomass	554	561	598	542	671
Total	98,746	101,934	107,954	116,396	127,070

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. Total Electric Power Industry Net Generation, by Energy Source, 2005 - 2009**United States (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Fossil	2,909,522	2,885,295	2,992,238	2,926,731	2,726,452
Coal	2,012,873	1,990,511	2,016,456	1,985,801	1,755,904
Petroleum	122,225	64,166	65,739	46,243	38,937
Natural Gas	760,960	816,441	896,590	882,981	920,979
Other Gases	13,464	14,177	13,453	11,707	10,632
Nuclear	781,986	787,219	806,425	806,208	798,855
Renewables	357,651	385,772	352,747	380,932	417,724
Pumped Storage	-6,558	-6,558	-6,896	-6,288	-4,627
Other	12,821	12,974	12,231	11,804	11,928
Total	4,055,423	4,064,702	4,156,745	4,119,388	3,950,331

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. Renewable Electric Power Industry Net Generation, by Energy Source, 2005 - 2009**United States (thousand megawatthours)**

Energy Source	2005	2006	2007	2008	2009
Geothermal	14,692	14,568	14,637	14,840	15,009
Hydro Conventional	270,321	289,246	247,510	254,831	273,445
Solar	550	508	612	864	891
Wind	17,811	26,589	34,450	55,363	73,886
Wood/Wood Waste	38,856	38,762	39,014	37,300	36,050
MSW Biogenic/Landfill Gas	13,473	14,155	14,462	15,253	15,982
Other Biomass	1,948	1,944	2,063	2,481	2,461
Total	357,651	385,772	352,747	380,932	417,724

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.