Table ES1. Summary Statistics for the United States, 1999 through 2010

Description	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999
Net Generation (thousand megawatthours)												
Coal[1]	1,847,290	1,755,904	1,985,801	2,016,456	1,990,511	2,012,873	1,978,301	1,973,737	1,933,130	1,903,956	1,966,265	1,881,087
Petroleum[2]	37,061	38,937	46,243	65,739	64,166	122,225	121,145	119,406	94,567	124,880	111,221	118,061
Natural Gas[3]	987,697	920,979	882,981	896,590	816,441	760,960	710,100	649,908	691,006	639,129	601,038	556,396
Other Gases[4]	11,313	10,632	11,707	13,453	14,177	13,464	15,252	15,600	11,463	9,039	13,955	14,126
Nuclear	806,968	798,855	806,208	806,425	787,219	781,986	788,528	763,733	780,064	768,826	753,893	728,254
Hydroelectric												
Conventional[5]	260,203	273,445	254,831	247,510	289,246	270,321	268,417	275,806	264,329	216,961	275,573	319,536
Other Renewables[6] Wind	167,173	144,279	126,101[R]	105,238	96,525	87,329 17,811	83,067	79,487	79,109 10,354	70,769	80,906	79,423
Solar Thermal and	94,652	73,886	55,363	34,450	26,589	17,011	14,144	11,187	10,354	6,737	5,593	4,488
Photovoltaic	1,212	891	864	612	508	550	575	534	555	543	493	495
Wood and Wood Derived												
Fuels[7]	37,172	36,050	37,300	39,014	38,762	38,856	38,117	37,529	38,665	35,200	37,595	37,041
Geothermal	15,219	15,009	14,840[R]	14,637	14,568	14,692	14,811	14,424	14,491	13,741	14,093	14,827
Other Biomass[8]	18,917	18,443	17,734	16,525	16,099	15,420	15,421	15,812	15,044	14,548	23,131	22,572
Pumped Storage[9]	-5,501	-4,627	-6,288	-6,896	-6,558	-6,558	-8,488	-8,535	-8,743	-8,823	-5,539	-6,097
Other[10]	12,855	11,928	11,804[R]	12,231	12,974	12,821	14,232	14,045	13,527	11,906	4,794	4,024
All Energy Sources	4,125,060	3,950,331	4,119,388	4,156,745	4,064,702	4,055,423	3,970,555	3,883,185	3,858,452	3,736,644	3,802,105	3,694,810
Net Summer Generating												
Capacity (megawatts) Coal[1]	316,800	314,294	313,322	312,738	312,956	313,380	313,020	313,019	315,350	314,230	315,114	315,496
Petroleum[2]	55,647	56,781	57,445	56,068	58,097	58,548	59,119	60,730	59,651	66,162	61,837	60,069
Natural Gas[3]	407,028	401,272	397,460[R]	392,876	388,294	383,061	371,011	355,442	312,512	252,832	219,590	195,119
Other Gases[4]	2,700	1,932	1,995	2,313	2,256	2,063	2,296	1,994	2,008	1,670	2,342	1,909
Nuclear	101,167	101,004	100,755	100,266	100,334	99,988	99,628	99,209	98,657	98,159	97,860	97,411
Hydroelectric												
Conventional[5]	78,825	78,518	77,930	77,885	77,821	77,541	77,641	78,694	79,356	78,916	79,359	79,393
Other Renewables[6]	53,886	48,552	38,466[R]	30,069	24,113	21,205	18,717	18,153	16,710	16,101	15,572	15,942
Wind	39,135	34,296	24,651	16,515	11,329	8,706	6,456	5,995	4,417	3,864	2,377	2,252
Solar Thermal and	941	610	FOR	502	444	411	398	207	397	392	386	389
Photovoltaic Wood and Wood Derived	941	619	536	502	411	411	390	397	397	392	300	309
Fuels[7]	7,037	6,939	6,864	6,704	6,372	6,193	6,182	5,871	5,844	5,882	6,147	6,795
Geothermal	2,405	2,382	2,229[R]	2,214	2,274	2,285	2,152	2,133	2,252	2,216	2,793	2,846
Other Biomass[11]	4,369	4,317	4,186	4,134	3,727	3,609	3,529	3,758	3,800	3,748	3,869	3,660
Pumped Storage[9]	22,199	22,160	21,858	21,886	21,461	21,347	20,764	20,522	20,371	19,664	19,522	19,565
Other[12]	884	888	942	788	882	887	746	684	686	519	523	1,023
All Energy Sources	1,039,137	1,025,400	1,010,171	994,888	986,215	978,020	962,942	948,446	905,301	848,254	811,719	785,927
Demand, Capacity Resources, and Capacity Margins – Summer Net Internal Demand (megawatts) Capacity Resources	747,836	713,106	744,151[R]	766,786[R]	776,479	746,470	692,908	696,752	696,376	674,833	680,941	653,857
(megawatts)	924,922	916,449	909,504[R]	914,397[R]	891,226	882,125	875,870	856,131	833,380	788,990	808,054	765,744
Capacity Margins (percent) Fuel	19.2	22.2	18.2	16.1	12.9	15.4	20.9	18.6	16.4	14.5	15.7	14.6
Consumption of Fossil Fuels for Electricity												
Generation Coal (thousand tons)[1]	1,046,795											
Petroleum (thousand	1.070.733	031 E83	1 042 335	1 046 705	1 030 556	1 041 449	1 020 523	1 014 058	987 583	972 601	00V 033	940 802
barrels)[2]		934,683	1,042,335	1,046,795	1,030,556	1,041,448	1,020,523	1,014,058	987,583	972,691	994,933	949,802
	112,615	934,683 67,668	1,042,335	1,046,795 112,615	1,030,556	1,041,448	1,020,523 203,494	1,014,058	987,583 168,597	972,691 216,672	994,933	949,802
Natural Gas (millions of	112,615			112,615		206,785			168,597	216,672		
cubic feet)[3]												
cubic feet)[3] Other Gases (millions of	112,615	67,668 7,121,069	80,932 6,895,843	112,615	110,634	206,785	203,494 5,674,580	206,653	168,597 6,126,062	216,672 5,832,305	195,228 5,691,481	207,871 5,321,984
cubic feet)[3]	112,615 7,089,342	67,668	80,932	112,615 7,089,342	110,634 6,461,615	206,785 6,036,370	203,494	206,653 5,616,135	168,597	216,672	195,228	207,871
cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Thermal Output in Combined Heat and Power Facilities Coal (thousand tons)[1]	112,615 7,089,342	67,668 7,121,069	80,932 6,895,843	112,615 7,089,342	110,634 6,461,615	206,785 6,036,370	203,494 5,674,580	206,653 5,616,135	168,597 6,126,062	216,672 5,832,305	195,228 5,691,481	207,871 5,321,984 126,387
cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Thermal Output in Combined Heat and Power Facilities Coal (thousand tons)[1] Petroleum (thousand barrels)[2]	112,615 7,089,342 114,904	67,668 7,121,069 83,593	80,932 6,895,843 96,757	112,615 7,089,342 114,904	110,634 6,461,615 114,665	206,785 6,036,370 109,916	203,494 5,674,580 135,144	206,653 5,616,135 156,306	168,597 6,126,062 131,230	216,672 5,832,305 97,308	195,228 5,691,481 125,971	207,871 5,321,984 126,387 20,373
cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Thermal Output in Combined Heat and Power Facilities Coal (thousand tons)[1] Petroleum (thousand barrels)[2] Natural Gas (millions of cubic feet)[3]	112,615 7,089,342 114,904 22,810	67,668 7,121,069 83,593 20,507	80,932 6,895,843 96,757 22,168	112,615 7,089,342 114,904 22,810	110,634 6,461,615 114,665	206,785 6,036,370 109,916 23,833	203,494 5,674,580 135,144 24,275	206,653 5,616,135 156,306	168,597 6,126,062 131,230 17,561	216,672 5,832,305 97,308	195,228 5,691,481 125,971 20,466	207,871 5,321,984 126,387 20,373 26,822
cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Thermal Output in Combined Heat and Power Facilities Coal (thousand tons)[1] Petroleum (thousand barrels)[2] Natural Gas (millions of	112,615 7,089,342 114,904 22,810 19,775	67,668 7,121,069 83,593 20,507 13,161	80,932 6,895,843 96,757 22,168 12,016	112,615 7,089,342 114,904 22,810 19,775	110,634 6,461,615 114,665 23,227 20,371	206,785 6,036,370 109,916 23,833 24,408	203,494 5,674,580 135,144 24,275 25,870	206,653 5,616,135 156,306 17,720 17,939	168,597 6,126,062 131,230 17,561 14,811	216,672 5,832,305 97,308 18,944 18,268	195,228 5,691,481 125,971 20,466 22,266	207,871 5,321,984 126,387 20,373 26,822 982,958
cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Thermal Output in Combined Heat and Power Facilities Coal (thousand tons)[1] Petroleum (thousand barrels)[2] Natural Gas (millions of cubic feet)[3] Other Gases (millions of Btu)[4]	112,615 7,089,342 114,904 22,810 19,775 872,579	67,668 7,121,069 83,593 20,507 13,161 816,787	80,932 6,895,843 96,757 22,168 12,016 793,537	112,615 7,089,342 114,904 22,810 19,775 872,579	110,634 6,461,615 114,665 23,227 20,371 942,817	206,785 6,036,370 109,916 23,833 24,408 984,340	203,494 5,674,580 135,144 24,275 25,870 1,052,100	206,653 5,616,135 156,306 17,720 17,939 721,267	168,597 6,126,062 131,230 17,561 14,811 860,019	216,672 5,832,305 97,308 18,944 18,268 898,286	195,228 5,691,481 125,971 20,466 22,266 985,263	207,871 5,321,984 126,387 20,373 26,822 982,958
cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Thermal Output in Combined Heat and Power Facilities Coal (thousand tons)[1] Petroleum (thousand barrels)[2] Natural Gas (millions of cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output Coal (thousand tons)[1]	112,615 7,089,342 114,904 22,810 19,775 872,579	67,668 7,121,069 83,593 20,507 13,161 816,787	80,932 6,895,843 96,757 22,168 12,016 793,537	112,615 7,089,342 114,904 22,810 19,775 872,579	110,634 6,461,615 114,665 23,227 20,371 942,817	206,785 6,036,370 109,916 23,833 24,408 984,340	203,494 5,674,580 135,144 24,275 25,870 1,052,100	206,653 5,616,135 156,306 17,720 17,939 721,267	168,597 6,126,062 131,230 17,561 14,811 860,019	216,672 5,832,305 97,308 18,944 18,268 898,286	195,228 5,691,481 125,971 20,466 22,266 985,263	207,871 5,321,984 126,387 20,373 26,822 982,958 223,713
cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Thermal Output in Combined Heat and Power Facilities Coal (thousand tons)[1] Petroleum (thousand barrels)[2] Natural Gas (millions of cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output Coal (thousand tons)[1] Petroleum (thousand barrels)[2]	112,615 7,089,342 114,904 22,810 19,775 872,579 214,321	67,668 7,121,069 83,593 20,507 13,161 816,787 175,671	80,932 6,895,843 96,757 22,168 12,016 793,537 203,236	112,615 7,089,342 114,904 22,810 19,775 872,579 214,321	110,634 6,461,615 114,665 23,227 20,371 942,817 226,464	206,785 6,036,370 109,916 23,833 24,408 984,340 238,396	203,494 5,674,580 135,144 24,275 25,870 1,052,100 218,295	206,653 5,616,135 156,306 17,720 17,939 721,267 137,837	168,597 6,126,062 131,230 17,561 14,811 860,019 146,882	216,672 5,832,305 97,308 18,944 18,268 898,286 166,161	195,228 5,691,481 125,971 20,466 22,266 985,263 230,082	207,871 5,321,984
cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Thermal Output in Combined Heat and Power Facilities Coal (thousand tons)[1] Petroleum (thousand barrels)[2] Natural Gas (millions of cubic feet)[3] Other Gases (millions of Btu)[4] Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output Coal (thousand tons)[1] Petroleum (thousand	112,615 7,089,342 114,904 22,810 19,775 872,579 214,321	67,668 7,121,069 83,593 20,507 13,161 816,787 175,671	80,932 6,895,843 96,757 22,168 12,016 793,537 203,236	112,615 7,089,342 114,904 22,810 19,775 872,579 214,321	110,634 6,461,615 114,665 23,227 20,371 942,817 226,464	206,785 6,036,370 109,916 23,833 24,408 984,340 238,396	203,494 5,674,580 135,144 24,275 25,870 1,052,100 218,295	206,653 5,616,135 156,306 17,720 17,939 721,267 137,837	168,597 6,126,062 131,230 17,561 14,811 860,019 146,882	216,672 5,832,305 97,308 18,944 18,268 898,286 166,161	195,228 5,691,481 125,971 20,466 22,266 985,263 230,082	207,871 5,321,984 126,387 20,373 26,822 982,958 223,713

Table ES1. Summary Statistics for the United States, 1999 through 2010

Description	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999
Stocks at Electric Power						_000	200.	2000		200.		.000
Sector Facilities (year												
end)												
Coal (thousand tons)[13]	151,221	189,467	161,589	151,221	140,964	101,137	106,669	121,567	141,714	138,496	102,296	141,604
Petroleum (thousand												
barrels)[14]	47,203	46,181	44,498	47,203	51,583	50,062	51,434	53,170	52,490	57,031	40,932	54,109
Receipts of Fuel at												
Electricity Generators[15]												
Coal (thousand tons)[1]	1,079,943	981,477	1,069,709	1,054,664	1,079,943	1,021,437	1,002,032	986,026	884,287	762,815	790,274	908,232
Petroleum (thousand	400.005	00.054	00.044	00.047	400.005	404 700	400.055	405 507	400.054	404040	400.070	4.45.000
barrels)[2] Natural Gas (millions of	100,965	88,951	96,341	88,347	100,965	194,733	186,655	185,567	120,851	124,618	108,272	145,939
cubic feet)[16]	6,675,246	8,118,550	7,879,046	7,200,316	6,675,246	6,181,717	5,734,054	5,500,704	5,607,737	2,148,924	2,629,986	2,809,455
Cost of Fuel at Electricity												
Generators (cents per												
million Btu)[15]												
Coal[1]	1	221	207	177	169	154	136	128	125	123	120	122
Petroleum[2]	2	702	1,087	717	623	644	429	433	334	369		236
Natural Gas[16]	694	474	902	711	694	821	596	539	356	449	430	257
Emissions (thousand												
metric tons)												
Carbon Dioxide (CO2)	2,388,662		2,484,012[R]			2,543,838[R]						
Sulfur Dioxide (SO2)	5,401	5,970	7,830	9,042	9,524	10,340	10,309	10,646	10,881	11,174	11,963	12,843
Nitrogen Oxides (NOX)	2,491	2,395	3,330	3,650	3,799	3,961	4,143	4,532	5,194	5,290	5,638	5,955
Trade (million												
megawatthours)	·····											
Purchases	5,750	5,029	5,613	5,411	5,503	6,092	6,999	6,980	8,755	7,555	2,346	2,040
Sales for Resale	5,929	5,065	5,681	5,479	5,493	6,072	6,759	6,921	8,569	7,345	2,355	1,998
Electricity Imports and												
Exports (thousand												
megawatthours)		50 404	F7 040[D]	F4 000	40.004	40.000/D1	04.040	00.005	00.770	00.500	40.500	40.045
Imports	45,083	52,191	57,019[R]	51,396	42,691	43,929[R]	34,210	30,395	36,779	38,500	48,592	43,215
Exports	19,106	18,138	24,198[R]	20,144	24,271	19,151[R]	22,898	23,975	15,796	16,473	14,829	14,222
Retail Sales and Revenue Data – Bundled and												
Unbundled												
Number of Ultimate												
Customers (thousands)												
Residential	125,718	125,177	124,937	123,950	122,471	120,761	118,764	117,280	116,622	114,890	111,718	110,383
Commercial	17,674	17,562	17,563	17,377	17,172	16,872	16,607	16,550	15,334	14,867	14,349	14,074
Industrial	748	758	775	794	760	734	748	713	602	571	527	553
Transportation	0	1	1	1	1	1	1	1	NA	NA	NA	NA
Other	NA NA	NA	NA	NA	NA	NA	NA	NA	1,067	1,030	974	935
All Sectors	144,140	143,497	143,276	142,122	140,404	138,367	136,119	134,544	133,624	131,359	127,568	125,945
Sales to Ultimate	,	0, .01										,0,0.10
Customers (thousand												
megawatthours)												
Residential	1,445,708	1,364,474	1,379,981	1,392,241	1,351,520	1,359,227	1,291,982	1,275,824	1,265,180	1,201,607	1,192,446	1,144,923
Commercial	1,330,199	1,307,168	1,335,981	1,336,315	1,299,744	1,275,079	1,230,425	1,198,728	1,104,497	1,083,069	1,055,232	1,001,996
Industrial	970.873	917,442	1,009,300	1,027,832	1.011.298	1.019.156	1,017,850	1,012,373	990,238	996,609	1,064,239	1,058,217
Transportation	7,712	7,781	7,700	8,173	7,358	7,506	7,224	6,810	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA	NA	NA	NA	105,552	113,174	109,496	106,952
All Sectors	3,754,493	3,596,865	3,732,962	3,764,561	3,669,919	3,660,969	3,547,479	3,493,734	3,465,466	3,394,458	3,421,414	3,312,087
Direct Use	131,910	126,938	132,197[R]	125,670[R]	146,927	150,016	168,470	168,295	166,184	162,649		171,629
Total Disposition	3,886,403	3,723,803	3,865,159[R]	3,890,231[R]	3,816,845	3,810,984	3,715,949	3,662,029	3,631,650	3,557,107	3,592,357	3,483,716
Revenue From Ultimate												
Customers (million												
dollars)												
Residential	166,782	157,008	155,433	148,295	140,582	128,393	115,577	111,249	106,834	103,158	98,209	93,483
Commercial	135,559	132,940	138,469	128,903	122,914	110,522	100,546	96,263	87,117	85,741	78,405	72,771
Industrial	65,750	62,504	68,920	65,712	62,308	58,445	53,477	51,741	48,336	50,293	49,369	46,846
Transportation	815	828	827	792	702	643	519	514	NA.	NA	NA.	NA
Other	NA	NA	NA	NA	NA	NA	NA	NA	7,124	8,151	7,179	6,796
All Sectors	368,906	353,280	363,650	343,703	326,506	298,003	270,119	259,767	249,411	247,343	233,163	219,896
Average Retail Price												
(cents per kilowatthour)	44 54	44 54	44.00	40.65	40.4	0.45	9.05	0.70	0.44	0.00	0.04	0.40
Residential	11.54	11.51	11.26	10.65	10.4	9.45	8.95	8.72	8.44	8.58	8.24	8.16
Commercial	10.19	10.17	10.36	9.65	9.46	8.67 5.72	8.17	8.03	7.89	7.92		7.26
Industrial Transportation	6.77 10.57	6.81	6.83 10.74	6.39 9.7	6.16 9.54	5.73 8.57	5.25 7.18	5.11 7.54	4.88 NA	5.05 NA	4.64 NA	4.43 NA
		10.65				8.57					NA 6 E G	
Other	NA 0.92	NA 0.92	NA 0.74	NA 0.12	NA 8 0	NA 9.14	NA 7.61	NA 7 4 4	6.75	7.2		6.35
All Sectors	9.83	9.82	9.74	9.13	8.9	8.14	7.61	7.44	7.2	7.29	6.81	6.64
Revenue and Expense Statistics (million dollars) Major Investor Owned												
Utility Operating Revenues	284,373	276,124	298,962	270,964	275,501	265,652	238,759	230,151	219,609	267,276	233,915	213,090
Utility Operating Expenses	250,122	244,243	267,263	241,198	245,589	236,786	206,960	201,057	189,062	234,910	210,250	180,467
Net Utility Operating Income	34,251	31,881	31,699	29,766	29,912	28,866	31,799	29,094	30,548	32,366	23,665	32,623
Major Publicly Owned (with Generation Facilities)	3.,201	3.,001	27,000	23,100	23,012	25,000	51,100	20,004	23,040		25,000	02,020

Table ES1. Summary Statistics for the United States, 1999 through 2010

Description	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999
Operating Revenues	NA	33,906	32,776	38,028	31,843	26,767						
Operating Expenses	NA	29,637	28,638	32,789	26,244	21,274						
Net Electric Operating												
Income	NA	4,268	4,138	5,238	5,598	5,493						
Major Publicly Owned												
(without Generation												
Facilities)												
Operating Revenues	NA	12,454	11,546	10,417	9,904	9,354						
Operating Expenses	NA	11,481	10,703	9,820	9,355	8,737						
Net Electric Operating												
Income	NA	974	843	597	549	617						
Major Federally Owned												
Operating Revenues	NA	11,798	11,470	12,458	10,685	10,186						
Operating Expenses	NA	8,763	8,665	10,013	8,139	7,775						
Net Electric Operating												
Income	NA	3,035	2,805	2,445	2,546	2,411						
Major Cooperative												
Borrower Owned												
Operating Revenues	NA	42,189	42,087	38,208	36,723	34,088	30,650	29,228	27,458	26,458	25,629	23,824
Operating Expenses	NA	38,337	38,511	34,843	33,550	31,209	27,828	26,361	24,561	23,763	22,982	21,283
Net Electric Operating												
Income	NA	3,852	3,576	3,365	3,173	2,879	2,822	2,867	2,897	2,696	2,647	2,541
Demand-Side Management												
(DSM) Data[17]												
Actual Peak Load												
Reductions (megawatts)												
Total Actual Peak Load												
Reduction	33,283	31,682	31,735	30,253	27,240	25,710	23,532	22,904	22,936	24,955	22,901	26,455
DSM Energy Savings												
(thousand												
megawatthours)												
Energy Efficiency	86,926	76,891	74,861	67,134	62,951	58,891	52,662	48,245	52,285	52,946	52,827	49,691
Load Management	913	1,015	1,813	1,857	865	1,006	2,047	2,020	1,790	990	875	872
DSM Cost (million												
dollars)												
Total Cost	4,220	3,594	3,175	2,523	2,051	1,921	1,557	1,297	1,626	1,630	1,565	1,424

[1] Includes anthracite, bituminous, subbituminous and lignite coal. Waste and synthetic coal are included starting in 2002.

[2] Distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils), residual fuel oil (No. 5 and No. 6 fuel oils and bunker C fuel oil), jet fuel, kerosene, petroleum coke (converted to liquid petroleum, see Technical Notes for conversion methodology) and waste oil.

- [3] Includes a small number of generators for which waste heat is the primary energy source.
- [4] Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
- [5] Conventional hydroelectric power excluding pumped storage facilities.
- [6] Other renewables represents the summation of the sub-categories of Wind, Solar Thermal and Photovoltaic, Wood and Wood Derived Fuels, Geothermal, and Other Biomass.

[7] Wood/wood waste solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids), wood waste liquids (red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids), and black liquor.

- [8] Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other biomass gases).
- [9] Pumped storage is the capacity to generate electricity from water previously pumped to an elevated reservoir and then released through a conduit to turbine generators located at a lower level. The generation from a hydroelectric pumped storage facility is the net value of production minus the energy used for pumping..
- [10] Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.
- [11] Municipal solid waste, landfill gas, sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other biomass gases).
- $\begin{tabular}{l} [12] Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. \end{tabular}$
- [13] Anthracite, bituminous, subbituminous, lignite, and synthetic coal; excludes waste coal.

methodology). Data prior to 2004 includes small quantities of waste oil.

[15] For 2002 through 2007, includes data from the Form EIA-423 for independent power producers, and commercial and industrial power-producing facilities. Beginning in 2008, data are collected on the Form EIA-923 for utilities, independent power producers, and commercial and industrial power-producing facilities. Reciepts, cost, and quality data are collected from plants above a 50 MW threshold, and imputed for plants between 1 and 50 MW. Therefore, there may be a notable increase in fuel reciepts beginning with 2008 data. Receipts of coal include imported coal.

[16] Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately.

[17] Data presented are reflective of large utilities.

NA = Not available.

R = Revised

Note: See Glossary reference for definitions. See Technical Notes Table A5 for conversion to different units of measure. Capacity by energy source is based on the capacity associated with the energy source reported as the most predominant (primary) one, where more than one energy source is associated with a generator. Dual-fired capacity returned to respective fuel categories for current and all historical years. New fuel switchable capacity tables have replaced dual-fired breakouts. Totals may not equal sum of components because of independent rounding.

Sources: U.S. Energy Information Administration Form EIA-411, "Coordinated Bulk Power Supply Program Report," Form EIA-412, "Annual Electric Industry Financial Report," The Form EIA-412 was terminated in 2003; Form EIA-767, "Steam-Electric Plant Operation and Design Report" was suspended; Form EIA-860, "Annual Electric Generator Report," Form EIA-861, "Annual Electric Power Industry Report;" Form EIA-923, "Power Plant Report," Form EIA-920," Combined Heat and Power Plant Report," Form EIA-920, "Monthly Cost and Quality of Fuels for Electric Plants Report," Form EIA-920, "Combined Heat and Power Plant Report," Form EIA-920, "Monthly Cost and Quality of Fuels for Electric Plants," and FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and their predecessor forms. Federal Energy Regulatory Commission, FERC Form 1, "Annual Report of Major Utilities, Licensees and Others;" FERC Form 1-F, "Annual Report for Nomajor Public Utilities and Licensees;" Rural Utilities Service (RUS) Form 7, "Operating Report," RUS Form 12, "Operating Report," Imports and Exports: DOE, Office of Electricity Delivery and Energy Regulatory Commission, FeRC Form 1-F, "Annual Report of International Electric Export/Import Data," predecessor forms, and National Energy Board of Canada. For 2001 forward, data from the California Independent System Operator are used in combination with the Form OE-781R values to estimate electricity trade with Mexico.