

Table 5. Electric Power Industry Generation by Primary Energy Source, 1990 Through 2009 (Megawatthours)

Energy Source	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Percentage Share	
																					1999	2009
<b>Electric Utilities</b>	<b>31,312,872</b>	<b>31,038,231</b>	<b>31,899,303</b>	<b>32,687,317</b>	<b>33,324,413</b>	<b>32,673,972</b>	<b>33,971,688</b>	<b>34,375,573</b>	<b>35,471,294</b>	<b>36,167,349</b>	<b>40,108,260</b>	<b>41,957,723</b>	<b>41,509,933</b>	<b>41,226,252</b>	<b>40,436,218</b>	<b>41,014,609</b>	<b>42,055,989</b>	<b>42,353,281</b>	<b>41,176,711</b>	<b>37,467,527</b>	<b>91.5</b>	<b>74.1</b>
Coal	29,602,738	28,922,906	30,001,882	30,456,351	31,401,250	30,276,010	31,952,337	32,002,082	33,079,201	32,605,202	35,101,982	35,654,162	35,135,198	35,807,527	35,570,358	35,285,966	36,003,331	35,722,617	34,639,561	31,454,143	82.5	62.2
Petroleum	25,129	37,863	39,164	8,898	8,913	10,136	15,539	14,623	36,736	32,430	91,320	158,742	22,519	33,927	11,797	15,464	17,646	14,748	18,092	12,583	0.1	-
Natural Gas	400,078	414,680	353,436	364,237	373,868	286,971	418,325	423,540	963,657	2,049,942	3,539,837	4,884,010	5,321,770	4,369,743	3,899,293	4,490,864	4,404,034	5,097,690	4,820,248	4,323,143	9.2	8.5
Other Gases <sup>1</sup>	-	-	-	-	-	-	-	-	-	-	-	-	2,884	4,001	1,753	2,430	2,519	1,911	-	-	-	-
Hydroelectric	1,308,961	1,680,825	1,372,490	1,785,086	1,428,515	2,008,902	1,704,979	1,897,813	1,346,170	1,443,426	1,329,946	1,472,627	1,187,839	1,156,217	1,076,897	1,283,074	1,676,432	1,625,544	1,877,868	1,726,853	3.7	3.4
Other Renewables <sup>2</sup>	164	58	-	-	-	-	-	-	-	-	-	38,764	59,987	58,477	67,921	58,874	61,959	58,831	70,050	59,463	-	0.1
Pumped Storage	-33,198	-18,130	132,331	72,745	111,867	91,953	-120,092	37,515	45,530	36,349	45,175	-250,582	-220,264	-203,640	-191,801	-122,063	-200,502	-168,061	-249,108	-108,658	0.1	-0.2
<b>Independent Power Producers and Combined Heat and Power</b>	<b>1,235,285</b>	<b>1,283,362</b>	<b>1,395,187</b>	<b>1,552,866</b>	<b>2,327,498</b>	<b>2,943,262</b>	<b>3,165,672</b>	<b>3,266,988</b>	<b>3,410,269</b>	<b>3,353,939</b>	<b>4,057,296</b>	<b>4,918,279</b>	<b>4,090,455</b>	<b>5,390,534</b>	<b>7,433,274</b>	<b>8,602,068</b>	<b>8,642,364</b>	<b>11,554,211</b>	<b>12,264,883</b>	<b>13,098,425</b>	<b>8.5</b>	<b>25.9</b>
Coal	212,245	211,104	245,866	244,968	235,333	216,672	233,844	250,838	278,648	271,862	279,237	296,866	253,053	308,096	278,032	284,169	266,094	213,122	187,984	181,880	0.7	0.4
Petroleum	2,261	27	1,724	68	1,307	1,576	2,616	862	12,454	13,805	18,065	17,487	661	67	2,071	1,582	3,191	13,702	1,021	870	-	-
Natural Gas	881,014	899,992	993,752	1,146,628	1,946,874	2,569,917	2,780,739	2,849,632	2,972,657	2,917,441	3,617,601	4,507,771	3,706,720	4,856,291	6,846,203	7,432,426	7,424,035	9,916,211	8,867,226	9,516,882	7.4	18.8
Hydroelectric	110,908	113,465	126,672	126,756	115,522	122,267	115,388	133,988	115,791	119,059	124,469	22,070	21,168	105,980	117,788	132,222	114,775	103,889	161,458	158,871	0.3	0.3
Other Renewables <sup>2</sup>	28,826	58,774	28,173	34,448	28,462	32,910	33,084	32,558	30,719	31,772	17,914	74,079	108,853	120,102	187,200	751,687	834,269	3,214,401	3,186,510	0.1	6.3	
Other <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41,190	32,791	53,411	-	0.1
<b>Total Electric Industry</b>	<b>32,548,127</b>	<b>32,321,593</b>	<b>33,295,490</b>	<b>34,240,183</b>	<b>35,651,911</b>	<b>35,617,234</b>	<b>37,137,360</b>	<b>37,642,561</b>	<b>38,881,563</b>	<b>39,521,288</b>	<b>44,165,546</b>	<b>46,876,002</b>	<b>45,600,388</b>	<b>46,616,796</b>	<b>47,869,492</b>	<b>49,616,694</b>	<b>50,698,353</b>	<b>53,907,492</b>	<b>53,441,594</b>	<b>50,565,952</b>	<b>100.0</b>	<b>100.0</b>
Coal	29,814,963	29,134,010	30,247,748	30,701,318	31,636,583	30,492,662	32,186,181	32,253,020	33,257,849	32,877,064	35,381,219	35,951,028	35,388,251	36,115,623	35,845,390	35,570,135	36,259,425	35,835,739	34,827,545	31,636,023	83.2	62.6
Petroleum	27,390	37,910	40,888	8,966	10,220	11,712	18,155	15,485	49,190	46,235	109,385	176,229	23,188	33,994	13,868	17,046	20,837	28,450	19,113	13,453	0.1	-
Natural Gas	1,290,092	1,314,681	1,347,188	1,510,863	2,320,742	2,856,788	3,199,664	3,272,172	3,936,314	4,967,383	7,157,438	9,391,787	9,028,490	9,226,034	10,747,496	11,923,290	11,918,639	15,013,901	13,487,475	13,840,025	12.6	27.4
Other Gases <sup>1</sup>	-	-	-	-	-	-	-	-	-	-	-	-	2,884	4,001	1,753	2,430	2,519	1,911	-	-	-	-
Hydroelectric	1,419,870	1,784,290	1,499,162	1,811,842	1,544,037	2,131,189	1,820,368	2,031,811	1,461,961	1,562,486	1,454,415	1,484,697	1,209,007	1,262,197	1,194,686	1,415,296	1,791,207	1,729,533	2,039,327	1,885,724	4.0	3.7
Other Renewables <sup>2</sup>	28,900	58,832	28,173	34,448	28,462	32,910	33,084	32,558	30,719	31,772	17,914	112,843	168,840	178,579	255,121	810,581	896,228	3,284,829	3,284,451	3,245,973	0.1	6.4
Pumped Storage	-33,198	-18,130	132,331	72,745	111,867	91,953	-120,092	37,515	45,530	36,349	45,175	-250,582	-220,264	-203,640	-191,801	-122,063	-200,502	-168,061	-249,108	-108,658	0.1	-0.2
Other <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41,190	32,791	53,411	-	0.1

<sup>1</sup>Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>2</sup>Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

<sup>3</sup>Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, air-derived fuels and miscellaneous technologies.

- = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as .)

(dash) = Data not available.

Note: Totals may not equal sum of components because of independent rounding.

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