

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 | |
| Texas | | | | | | | | | | | | | | | | | | | | | | | |
| Electric Utilities | 234,047,343 | 238,343,368 | 239,964,014 | 248,174,240 | 255,140,538 | 261,708,943 | 272,282,585 | 277,190,347 | 293,068,377 | 292,458,336 | 297,228,634 | 265,012,955 | 149,587,269 | 86,882,044 | 92,054,150 | 95,187,030 | 94,637,956 | 97,259,636 | 94,637,160 | 90,418,339 | 81.5 | 22.8 | |
| Coal | 118,354,490 | 118,085,107 | 118,673,068 | 128,286,337 | 122,667,859 | 122,149,283 | 133,255,364 | 135,696,240 | 132,626,804 | 138,077,181 | 137,876,671 | 132,296,611 | 90,259,574 | 60,288,940 | 63,893,450 | 61,275,542 | 59,478,349 | 61,656,860 | 62,262,810 | 57,685,903 | 38.5 | 14.5 | |
| Petroleum | 480,617 | 218,714 | 253,672 | 452,908 | 309,537 | 203,267 | 958,659 | 187,844 | 186,818 | 146,226 | 1,200,448 | 1,741,052 | 25,987 | 257,818 | 87,624 | 68,369 | 72,613 | 62,444 | 62,444 | 25,578 | - | - | |
| Natural Gas | 97,279,980 | 97,738,623 | 93,621,327 | 104,966,938 | 101,551,910 | 101,501,467 | 101,748,031 | 102,183,775 | 120,201,589 | 116,355,063 | 119,840,216 | 91,617,908 | 39,173,483 | 25,473,500 | 26,726,978 | 32,324,018 | 34,131,142 | 33,099,541 | 31,102,952 | 31,718,223 | 32.4 | 8.0 | |
| Nuclear | 15,859,258 | 19,799,867 | 24,496,392 | 12,406,774 | 28,745,474 | 36,151,325 | 35,766,550 | 37,357,647 | 38,685,129 | 36,759,899 | 37,555,807 | 38,162,863 | 19,049,602 | - | - | - | - | - | - | - | - | - | |
| Hydroelectric | 1,793,625 | 2,224,581 | 2,638,164 | 1,786,405 | 1,530,436 | 1,703,348 | 953,721 | 1,784,629 | 1,418,903 | 1,116,881 | 825,453 | 1,194,526 | 1,076,338 | 858,933 | 1,266,098 | 1,288,469 | 1,288,469 | 611,491 | 1,593,542 | 989,188 | 983,369 | 0.3 | 0.2 |
| Other Renewables | 279,373 | 276,476 | 281,391 | 294,877 | 303,322 | 253 | 260 | 212 | 134 | 86 | 41 | -5 | 2,285 | 2,852 | 2,454 | 1,056 | 393 | 736 | 1,279 | 999 | - | - | |
| Other* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 97,546 | 229,580 | 343,968 | 246,533 | 255,358 | 3,784 | - | - | |
| Independent Power Producers and Combined Heat and Power | 47,512,292 | 47,985,340 | 50,328,299 | 51,514,475 | 52,038,986 | 55,927,303 | 56,666,348 | 59,129,163 | 62,251,787 | 66,486,408 | 80,443,731 | 107,567,047 | 236,041,272 | 292,317,641 | 298,244,982 | 301,481,692 | 305,944,922 | 308,232,660 | 310,150,621 | 306,749,570 | 18.5 | 77.2 | |
| Coal | 2,566,906 | 2,759,944 | 2,722,094 | 2,779,665 | 2,477,798 | 2,567,665 | 2,593,744 | 2,794,862 | 2,799,221 | 2,787,718 | 2,795,293 | 2,803,310 | 51,587,666 | 86,700,570 | 84,991,205 | 87,082,481 | 86,912,992 | 85,622,029 | 84,869,030 | 81,420,694 | 0.8 | 20.5 | |
| Petroleum | 1,347,186 | 1,274,281 | 1,374,489 | 1,401,559 | 1,650,354 | 1,404,528 | 1,363,201 | 1,335,992 | 1,443,274 | 1,604,693 | 1,615,196 | 1,062,351 | 1,594,977 | 2,257,437 | 1,661,282 | 1,514,330 | 1,716,570 | 1,246,479 | 1,007,944 | 1,378,545 | 0.4 | 0.3 | |
| Natural Gas | 38,984,345 | 38,704,270 | 41,016,960 | 42,327,178 | 42,856,658 | 45,477,241 | 46,294,985 | 49,340,893 | 51,943,335 | 55,702,710 | 68,893,079 | 98,493,073 | 157,259,828 | 159,437,850 | 162,027,685 | 163,341,240 | 163,739,391 | 165,831,740 | 162,144,128 | 157,348,280 | 15.5 | 39.6 | |
| Other Gases* | 2,997,509 | 3,320,535 | 3,527,112 | 3,281,370 | 3,539,454 | 4,276,154 | 4,408,854 | 3,705,248 | 4,077,715 | 3,971,925 | 3,798,047 | 1,574,325 | 3,092,992 | 5,999,489 | 4,203,684 | 3,271,788 | 3,798,403 | 3,601,211 | 3,400,506 | 3,649,305 | 1.1 | 0.5 | |
| Nuclear | - | - | - | - | - | - | - | - | - | - | - | - | 16,568,402 | 33,437,484 | 40,435,372 | 38,232,493 | 41,264,278 | 40,955,030 | 40,727,370 | 41,497,617 | - | - | |
| Hydroelectric | - | - | - | - | - | - | - | 6,121 | 6,121 | 5,918 | 3,325 | 3,510 | 5,806 | 47,154 | 37,606 | 34,511 | 44,091 | 50,895 | 50,282 | 45,288 | - | - | |
| Other Renewables | 1,157,615 | 1,220,509 | 1,361,566 | 1,323,575 | 1,275,462 | 1,412,152 | 1,446,935 | 1,541,710 | 1,428,990 | 1,520,961 | 1,770,566 | 2,180,950 | 3,972,969 | 3,962,885 | 4,244,234 | 5,334,556 | 7,817,867 | 10,286,876 | 17,637,815 | 21,103,477 | 0.4 | 5.3 | |
| Other* | 488,731 | 705,801 | 324,978 | 401,130 | 293,260 | 789,563 | 572,508 | 404,237 | 553,334 | 895,076 | 1,568,040 | 1,447,232 | 1,957,186 | 484,320 | 647,010 | 660,733 | 645,240 | 638,399 | 313,547 | 306,395 | 0.2 | 0.1 | |
| Total Electric Industry | 281,559,635 | 286,328,708 | 290,292,313 | 299,688,715 | 307,179,524 | 317,636,246 | 328,948,933 | 336,319,512 | 355,320,164 | 358,944,744 | 377,742,365 | 372,580,002 | 385,626,541 | 379,199,685 | 390,299,132 | 396,668,722 | 400,582,878 | 405,492,296 | 404,787,781 | 397,167,910 | 100.0 | 100.0 | |
| Coal | 120,921,396 | 120,845,051 | 121,395,162 | 131,046,002 | 125,145,657 | 124,716,948 | 135,849,108 | 138,491,102 | 135,426,025 | 140,864,899 | 140,671,964 | 135,099,921 | 141,847,240 | 146,989,510 | 148,884,655 | 148,358,023 | 146,391,341 | 147,278,889 | 147,131,841 | 139,106,597 | 39.2 | 35.0 | |
| Petroleum | 1,827,803 | 1,492,995 | 1,628,161 | 1,854,468 | 1,959,891 | 1,607,795 | 1,911,860 | 1,523,836 | 1,580,092 | 1,750,919 | 2,815,642 | 2,903,403 | 1,620,964 | 2,515,255 | 1,728,906 | 1,582,695 | 1,789,183 | 1,308,904 | 1,033,520 | 1,404,606 | 0.5 | 0.4 | |
| Natural Gas | 136,234,325 | 136,442,893 | 134,639,387 | 147,294,114 | 144,440,568 | 146,978,708 | 148,033,016 | 151,504,768 | 172,143,924 | 172,060,773 | 183,733,295 | 190,110,981 | 196,433,409 | 184,911,350 | 188,754,663 | 197,665,258 | 197,870,233 | 199,531,281 | 193,247,078 | 189,066,483 | 47.9 | 47.6 | |
| Other Gases* | 2,997,509 | 3,320,535 | 3,527,112 | 3,281,370 | 3,539,454 | 4,276,154 | 4,408,854 | 3,705,248 | 4,077,715 | 3,971,925 | 3,798,047 | 1,574,325 | 3,092,992 | 5,999,489 | 4,203,684 | 3,271,788 | 3,798,403 | 3,601,211 | 3,400,506 | 3,649,305 | 1.1 | 0.5 | |
| Nuclear | 15,859,258 | 19,799,867 | 24,496,392 | 12,406,774 | 28,745,474 | 36,151,325 | 35,766,550 | 37,357,647 | 38,685,129 | 36,759,899 | 37,555,807 | 38,162,863 | 35,618,004 | 33,437,484 | 40,435,372 | 38,232,493 | 41,264,278 | 40,955,030 | 40,727,370 | 41,497,617 | 10.2 | 10.4 | |
| Hydroelectric | 1,793,625 | 2,224,581 | 2,638,164 | 1,786,405 | 1,530,436 | 1,703,348 | 959,842 | 1,790,750 | 1,424,821 | 1,120,206 | 828,963 | 1,200,332 | 1,076,338 | 896,539 | 1,300,609 | 1,332,560 | 1,332,560 | 661,971 | 1,644,437 | 1,039,467 | 1,028,657 | 0.3 | 0.3 |
| Other Renewables | 1,436,988 | 1,496,985 | 1,642,957 | 1,618,452 | 1,578,784 | 1,412,405 | 1,447,195 | 1,541,922 | 1,429,124 | 1,521,047 | 1,770,607 | 2,180,945 | 3,975,254 | 3,965,737 | 4,246,688 | 5,335,612 | 7,818,260 | 10,287,612 | 17,639,094 | 21,104,476 | 0.4 | 5.3 | |
| Other* | 488,731 | 705,801 | 324,978 | 401,130 | 293,260 | 789,563 | 572,508 | 404,237 | 553,334 | 895,076 | 1,568,040 | 1,447,232 | 1,957,186 | 484,320 | 744,596 | 890,313 | 989,208 | 884,932 | 968,906 | 310,169 | 0.2 | 0.1 | |
| *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. *Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, fire-derived fuels and miscellaneous technologies. *Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. * - 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 1). * (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. | | | | | | | | | | | | | | | | | | | | | | | |