Coal1 Distillate Fuel Oil2 Residual Fuel Oil3 Other Liquids 4 Percelum Coke 5 Total 5 Natural Ga 6 Other Ga 65 Wood 8 Wase 7 Other 100 Thousand Short Too Thousand Barrels Thousand Barrels Thousand Short Too Thousand Barrels Thue			Petroleum							Biomass				
Trousand Trousand Barrels Trousand Barrels Trillon Bu Trillon Bu Trillon Bu Trillon Bu 1980 1.125 1.085 883 - - 2067 2007 1 2 22 - 1989 1.125 1.085 883 - - 2.066 46.458 1 2 2.28 - 1985 1.419 812 413 (s) 4 1.246 82.65 (s) 2 63 (s) 1 2 2.83 (s) 1 2 2.83 (s) 1 1 2 2.83 (s) 1 4 1 2.46 89.95 (a) 1 2.43 (s) 1 4 (a) 1 4 4 (a) 1 4 4 (a) 1 4 1 4 1 1		Coal ¹	Distillate Fuel Oil ²	Residual Fuel Oil ³	Other Liquids 4	Petroleum Coke ⁵	Total ⁵	Natural Gas 6	Other Gases 7	Wood ⁸	Waste 9	Other ¹⁰		
Commercial Sector '' 1989 1.125 1.085 8.83 - - 1.067 30.037 1 2 2.28 - 1985 1.419 812 413 (a) 4 1.245 77.664 6.458 1 2 2.83 - 1985 1.419 812 413 (a) 4 1.245 77.664 - 1 400 (b) 1997 1.733 1.063 6.522 5.45 (b) 4 1.246 82.455 (c) 2 5.4 (c) 2000 1.547 908 6.76 3 6 1.615 84.874 (c) 1 2.49 1 2001 1.448 1.026 773 2 6 1.832 78.655 (c) 1 2.63 1.75 2002 1.405 771 400 38 8 1.250 7.73 (c) 1 36 2.143 1.122 <th>Year</th> <th>Thousand Short Tons</th> <th></th> <th>Thousand Barrels</th> <th></th> <th>Thousand Short Tons</th> <th>Thousand Barrels</th> <th>Million Cubic Feet</th> <th>Trillion Btu</th> <th colspan="2">n Trillion Btu</th> <th>Trillion Btu</th>	Year	Thousand Short Tons		Thousand Barrels		Thousand Short Tons	Thousand Barrels	Million Cubic Feet	Trillion Btu	n Trillion Btu		Trillion Btu		
1126 1085 1085 1087 (a) - 2066 44,483 1 2 228 - 1995 1.419 812 1413 (a) 4 1.246 77,664 - 1 40 (b) 1995 1.660 682 545 (a) 4 1.246 88,915 (a) 2 53 (b) 1997 1.738 1.053 509 - 4 1.647 86,915 (a) 2 58 (b) 1998 1.443 739 8.34 - 4 1.616 84,034 (b) 1 54 (b) 2001 1.446 77,97 2 6 1.822 73,975 (c) 1 2 34 21 2003 1.465 77,1 400 38 8 1.250 7,975 (c) 1 36 21 2004 1.917 1.115 827 2.1 9 <th></th> <th colspan="13">Commercial Sector ¹¹</th>		Commercial Sector ¹¹												
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1989	1,125	1,085	883	_	_	1,967	30,037	1	2	22	_		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1990	1,191	969	1,087	(s)	_	2,056	46,458	1	2	28	_		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1995	1,419	812	413	(s)	4	1,245	77,664	-	1	40	(s)		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1996	1,660	682	545	(s)	4	1,246	82,455	(S)	2	53	(s)		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1997	1,738	1.053	509	<u> </u>	4	1,584	86,915	(s)	2	58	(s)		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1998	1,443	854	932	_	4	1,807	87.220	(s)	2	54	-		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1999	1,490	759	834	-	4	1.613	84.037	(s)	1	54	(s)		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	2000	1,547	908	676	3	6	1 615	84 874	(s)	1	47	(s)		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2001	1 448	1 026	773	2	6	1,810	78 655	(5)	1	25	15		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2002	1 405	771	400	38	8	1 250	73 975	(0)	1	26	17		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2002	1,100	671	708	16	11	1 449	58 453	(0)	1	20	18		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2003	1,017	1 115	827	21	9	2,000	72 072	_	2	34	21		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2004	1,017	794	780	21	9	2,003	67.057			34	20		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2005	1,922	266	520	(0)	10	1,030	67 725	(0)	1	26	20		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2000	1,000	300	520	(5)	10	933	70.074	(5)	1	30	17		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2007	2 021	207	202	_ (c)	12	671	66 216	-	2	24	21		
2009 R1,780 2000 212 (b) 3 221 75,353 R - 1 33 222 2010 R1,720 R233 R143 (c) 1 23 1 75,353 R - 1 786 786 R (c) 1 786	2008	2,021	410	202	(5)	10	501	75 555	-	1	34	21		
2010 -1,720 -123 -143 (s) 12 -437 -185,765 -183 (s) 1 -36 -22 2011 1,633 147 103 (s) 6 282 81,433 (s) 1 -36 223 Industrial Sector 12 Industrial Sector 12 <th< td=""><td>2009</td><td>1,790 B4 700</td><td>200 Booo</td><td>Z1Z R440</td><td>(S)</td><td>9</td><td>DZ I RADZ</td><td>75,555 Boc 700</td><td></td><td>1</td><td>Bac</td><td>Roo</td></th<>	2009	1,790 B4 700	200 Booo	Z1Z R440	(S)	9	DZ I RADZ	75,555 Boc 700		1	Bac	Roo		
1,633 147 103 (s) 6 262 81,433 (s) 1 36 23 Industrial Sector 12 Industrial Sector 12 1989 24,867 1,903 20,909 64 397 25,444 913,516 195 926 35 85 1990 27,781 2,657 23,079 1,305 1,824 36,159 1,055,235 275 1,125 41 86 1995 29,363 2,333 21,732 823 1,912 34,448 1,258,063 290 1,255 38 95 1996 29,434 2,983 2,411 1,815 1,950 38,661 1,288,876 325 1,249 39 89 1997 29,853 5,852 21,807 800 2,090 38,910 1,354,986 305 1,211 42 93 1999 27,763 5,799 18,993 1,268 2,251 37,312 1,401,374	2010 2014P	1,720		143	(S)	12			·· (S)	1				
Industrial Sector ¹² 1989 24,867 1,903 20,909 646 397 25,444 913,516 195 926 35 85 1990 27,781 2,657 23,079 1,305 1,824 36,159 1,055,235 275 1,125 44 86 1995 29,363 2,333 21,732 823 1,912 34,448 1,288,063 290 1,255 34 86 1996 29,434 2,983 2,411 1,815 1,950 38,661 1,288,076 325 1,249 39 89 1997 29,853 5,852 2,1807 800 2,090 38,910 1,384,986 305 1,211 42 93 1998 27,763 5,799 18,993 1,268 2,251 37,312 1,401,374 331 1,244 35 108 2000 28,031 3,648 17,483 2,448 1,388 30,520 1,385 431 <td< td=""><td>2011</td><td>1,633</td><td>147</td><td>103</td><td>(S)</td><td>0</td><td>282</td><td>81,433</td><td>(S)</td><td>1</td><td>30</td><td>23</td></td<>	2011	1,633	147	103	(S)	0	282	81,433	(S)	1	30	23		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	_					Industrial S	Sector 12							
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1989	24,867	1,903	20,909	646	397	25,444	913,516	195	926	35	85		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1990	27,781	2,657	23,079	1,305	1,824	36,159	1,055,235	275	1,125	41	86		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1995	29,363	2.333	21,732	823	1,912	34,448	1.258.063	290	1.255	38	95		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1996	29,434	2.983	24,111	1.815	1,950	38,661	1,288,876	325	1.249	39	89		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1997	29,853	2.851	20,445	374	2,719	37,265	1,281,620	283	1,259	41	102		
1999 27,763 5,799 18,993 1,268 2,251 37,312 1,401,374 331 1,213 31 99 2000 28,031 3,648 17,483 2,448 1,388 30,520 1,385,546 331 1,244 35 108 2001 25,755 3,424 16,660 1,039 1,099 26,817 1,309,636 248 1,054 27 101 2002 26,232 2,101 13,463 1,953 1,529 25,163 1,240,209 245 1,136 34 92 2003 24,846 3,522 13,872 2,535 1,257 26,212 1,143,734 253 1,097 34 103 2004 26,613 3,298 16,835 2,030 1,339 28,857 1,190,844 295 1,193 24 94 2006 25,262 1,643 11,981 1,526 1,511 22,706 1,114,597 277 1,216 33 92 2007 22,537 1,458 11,096 1,643 1,602 22	1998	28,553	5.852	21.807	800	2,090	38,910	1,354,986	305	1.211	42	93		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1999	27,763	5,799	18,993	1.268	2.251	37.312	1.401.374	331	1,213	31	99		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2000	28,031	3 648	17 483	2 448	1 388	30,520	1 385 546	331	1 244	35	108		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	2001	25,755	3 4 2 4	16,860	1 039	1 099	26,817	1 309 636	248	1 054	27	101		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2002	26,732	2 101	13 463	1,000	1,529	25 163	1 240 209	245	1 136	34	92		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2002	24 846	3 5 2 2	13,400	2 535	1,323	26,100	1 143 734	253	1,100	34	103		
2004 20,013 3,250 10,003 20,000 1,033 20,007 1,16,014 235 1,153 24 94 2005 25,875 3,977 16,718 1,583 1,020 27,380 1,083,607 264 1,166 34 94 2006 25,262 1,643 11,981 1,526 1,511 22,706 1,114,597 277 1,216 33 92 2007 22,537 1,458 11,096 1,643 1,602 22,207 1,050,439 268 1,148 36 98 2008 21,902 1,171 5,034 1,095 1,184 13,222 954,785 239 1,084 35 660 2009 19,766 2,499 4,678 1,008 1,209 14,228 989,769 204 955 35 82 2010 R24,638 R1,224 R2,298 R900 R1,264 R10,740 R1,028,990 R210 R1,029 R47 R91 2011 ^P 24,733 641 1,699 635 1,265 9,302 1,023,670 224 1,037 44 40	2003	26,613	3 208	16,835	2,000	1 330	20,212	1 100 844	205	1 103	24	04		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2004	20,013	3,230	16,000	1,592	1,030	20,007	1,130,044	235	1,155	24	04		
2000 22,007 22,537 1,458 11,961 1,520 1,611 22,100 1,114,577 277 1,216 33 92 2007 22,537 1,458 11,966 1,643 1,602 22,207 1,050,439 268 1,148 36 98 2008 21,902 1,171 5,034 1,095 1,184 13,222 954,785 239 1,084 35 600 2009 19,766 2,499 4,678 1,008 1,209 14,228 989,769 204 955 35 82 2010 R24,638 R1,224 R2,298 R900 R1,264 R10,740 R1,028,990 R210 R1,029 R47 R91 2011P 24,733 641 1,699 635 1,265 9,302 1,023,670 224 1,037 44 40	2005	20,070	1 6/3	11 081	1,000	1,020	27,300	1 11/ 507	204	1,100	33	94 02		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2000	20,202	1,043	11,901	1,520	1,011	22,700	1,114,397	211	1,210	33	92		
2000 21,902 1,171 5,034 1,095 1,184 13,222 954,785 239 1,084 35 60 2009 19,766 2,499 4,678 1,008 1,209 14,228 989,769 204 955 35 82 2010 R24,638 R1,224 R2,298 R900 R1,264 R10,740 R1,028,990 R210 R1,029 R47 R91 2011P 24,733 641 1,699 635 1,265 9,302 1,023,670 224 1,037 44 40	2007	22,337	1,430	F 024	1,043	1,002	22,207	1,050,459	200	1,140	30	98		
2009 19,700 2,499 4,078 1,008 1,209 14,228 989,709 204 955 35 82 2010 R24,638 R1,224 R2,298 R900 R1,264 R10,740 R1,028,990 R210 R1,029 R47 R91 2011P 24,733 641 1,699 635 1,265 9,302 1,023,670 224 1,037 44 40	∠008 2000	21,902	1,1/1	5,034	1,095	1,184	13,222	954,785	239	1,084	35	00		
2010 "24,535 "1,224 "2,288 "900 "1,264 "10,740 "1,028,990 "210 "1,029 "47 "91 2011P 24,733 641 1,699 635 1,265 9,302 1,023,670 224 1,037 44 40	2009	19,766	2,499	4,678	1,008	1,209	14,228 B40,740	989,769	204 Roto	955 R4 000	35	82		
2011 24,733 641 1,699 635 1,265 9,302 1,023,670 224 1,037 44 40	2010	124,638	*1,224	12,298		1,264	10,740	1,028,990	1210	1,029	<u>''47</u>	1		
	2011	24,733	641	1,699	635	1,265	9,302	1,023,670	224	1,037	44	40		

Table 8.7c Consumption of Combustible Fuels for Electricity Generation and Useful Thermal Output: Commercial and Industrial Sectors, Selected Years, 1989-2011 (Subset of Table 8.7a)

¹ Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

² Fuel oil nos. 1, 2, and 4.

³ Fuel oil nos. 5 and 6.

⁴ Jet fuel, kerosene, other petroleum liquids, and waste oil.

⁵ Petroleum coke is converted from short tons to barrels by multiplying by 5.

⁶ Natural gas, plus a small amount of supplemental gaseous fuels.

⁷ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁸ Wood and wood-derived fuels.

⁹ Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

¹⁰ Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, and, beginning in 2001, non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

¹¹ Commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

¹² Industrial combined-heat-and-power (CHP) and industrial electricity-only plants.

R=Revised. P=Preliminary. - =No data reported. (s)=Less than 0.5.

Notes: • See Table 8.7b for electric power sector electricity-only and CHP data. • See Note 1, "Coverage of Electricity Statistics," and Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of section. • See "Useful Thermal Output" in Glossary. • Totals may not equal sum of components due to independent rounding.

Web Pages: • See http://www.eia.gov/totalenergy/data/monthly/#electricity for updated monthly and annual data. • See http://www.eia.gov/totalenergy/data/annual/#electricity for all annual data beginning in 1989. • See http://www.eia.gov/electricity/ for related information.

Sources: • 1989-1997—U.S. Energy Information Administration (EIA), Form EIA-867, "Annual Nonutility Power Producer Report." • 1998-2000—EIA, Form EIA-860B, "Annual Electric Generator Report—Nonutility." • 2001-2003—EIA, Form EIA-906, "Power Plant Report." • 2004-2007—EIA, Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report." • 2008 forward—EIA, Form EIA-923, "Power Plant Operations Report."