Table 7.2b Electricity Net Generation: Electric Power Sector

(Million Kilowatthours)

	Fossil Fuels						Renewable Energy						
	Coal[a]	Petroleum[b]	Natural Gas[c]	Other Gases[d]	Nuclear Electric Power	Hydroelectric Pumped Storage[e]	Conventional Hydroelectric Power	Wood[f]	Waste[g]	Geothermal	Solar[h]	Wind	Total[i]
1973 Total	**847,651**	**314,343**	**340,858**	**NA**	**83,479**	**(j)**	**272,083**	**130**	**198**	**1,966**	**NA**	**NA**	**1,860,710**
1974 Total	**828,433**	**300,931**	**320,065**	**NA**	**113,976**	**(j)**	**301,032**	**69**	**182**	**2,453**	**NA**	**NA**	**1,867,139**
1975 Total	**852,786**	**289,095**	**299,778**	**NA**	**172,505**	**(j)**	**300,047**	**18**	**174**	**3,246**	**NA**	**NA**	**1,917,649**
1976 Total	**944,391**	**319,988**	**294,624**	**NA**	**191,104**	**(j)**	**283,707**	**84**	**182**	**3,616**	**NA**	**NA**	**2,037,696**
1977 Total	**985,219**	**358,179**	**305,505**	**NA**	**250,883**	**(j)**	**220,475**	**308**	**173**	**3,582**	**NA**	**NA**	**2,124,323**
1978 Total	**975,742**	**365,060**	**305,391**	**NA**	**276,403**	**(j)**	**280,419**	**197**	**140**	**2,978**	**NA**	**NA**	**2,206,331**
1979 Total	**1,075,037**	**303,525**	**329,485**	**NA**	**255,155**	**(j)**	**279,783**	**300**	**198**	**3,889**	**NA**	**NA**	**2,247,372**
1980 Total	**1,161,562**	**245,994**	**346,240**	**NA**	**251,116**	**(j)**	**276,021**	**275**	**158**	**5,073**	**NA**	**NA**	**2,286,439**
1981 Total	**1,203,203**	**206,421**	**345,777**	**NA**	**272,674**	**(j)**	**260,684**	**245**	**123**	**5,686**	**NA**	**NA**	**2,294,812**
1982 Total	**1,192,004**	**146,797**	**305,260**	**NA**	**282,773**	**(j)**	**309,213**	**196**	**125**	**4,843**	**NA**	**NA**	**2,241,211**
1983 Total	**1,259,424**	**144,499**	**274,098**	**NA**	**293,677**	**(j)**	**332,130**	**216**	**163**	**6,075**	**NA**	**3**	**2,310,285**
1984 Total	**1,341,681**	**119,808**	**297,394**	**NA**	**327,634**	**(j)**	**321,150**	**461**	**425**	**7,741**	**5**	**6**	**2,416,304**
1985 Total	**1,402,128**	**100,202**	**291,946**	**NA**	**383,691**	**(j)**	**281,149**	**743**	**640**	**9,325**	**11**	**6**	**2,469,841**
1986 Total	**1,385,831**	**136,585**	**248,508**	**NA**	**414,038**	**(j)**	**290,844**	**492**	**685**	**10,308**	**14**	**4**	**2,487,310**
1987 Total	**1,463,781**	**118,493**	**272,621**	**NA**	**455,270**	**(j)**	**249,695**	**783**	**694**	**10,775**	**10**	**4**	**2,572,127**
1988 Total	**1,540,653**	**148,900**	**252,801**	**NA**	**526,973**	**(j)**	**222,940**	**936**	**738**	**10,300**	**9**	**1**	**2,704,250**
1989 Total[k]	**1,562,366**	**159,005**	**297,295**	**454**	**529,355**	**(j)**	**269,189**	**5,582**	**7,743**	**14,593**	**251**	**2,112**	**2,848,227**
1990 Total	**1,572,109**	**118,864**	**309,486**	**621**	**576,862**	**-3,508**	**289,753**	**7,032**	**11,500**	**15,434**	**367**	**2,789**	**2,901,322**
1991 Total	**1,568,846**	**112,798**	**317,773**	**719**	**612,565**	**-4,541**	**286,019**	**7,736**	**13,854**	**15,966**	**472**	**2,951**	**2,935,561**
1992 Total	**1,597,714**	**92,238**	**334,274**	**1,212**	**618,776**	**-4,177**	**250,016**	**8,491**	**15,924**	**16,138**	**400**	**2,888**	**2,934,374**
1993 Total	**1,665,464**	**105,425**	**342,222**	**967**	**610,291**	**-4,036**	**277,524**	**9,152**	**16,223**	**16,789**	**462**	**3,006**	**3,043,897**
1994 Total	**1,666,276**	**98,677**	**385,689**	**1,092**	**640,440**	**-3,378**	**254,005**	**9,232**	**16,984**	**15,535**	**487**	**3,447**	**3,088,725**
1995 Total	**1,686,056**	**68,146**	**419,179**	**1,927**	**673,402**	**-2,725**	**305,410**	**7,597**	**17,986**	**13,378**	**497**	**3,164**	**3,194,230**
1996 Total	**1,771,973**	**74,783**	**378,757**	**1,341**	**674,729**	**-3,088**	**341,159**	**8,386**	**17,816**	**14,329**	**521**	**3,234**	**3,284,141**
1997 Total	**1,820,762**	**86,479**	**399,596**	**1,533**	**628,644**	**-4,040**	**350,648**	**8,680**	**18,485**	**14,726**	**511**	**3,288**	**3,329,375**
1998 Total	**1,850,193**	**122,211**	**449,293**	**2,315**	**673,702**	**-4,467**	**317,867**	**8,608**	**19,233**	**14,774**	**502**	**3,026**	**3,457,416**
1999 Total	**1,858,618**	**111,539**	**472,996**	**1,607**	**728,254**	**-6,097**	**314,663**	**8,961**	**19,493**	**14,827**	**495**	**4,488**	**3,529,982**
2000 Total	**1,943,111**	**105,192**	**517,978**	**2,028**	**753,893**	**-5,539**	**271,338**	**8,916**	**20,307**	**14,093**	**493**	**5,593**	**3,637,529**
2001 Total	**1,882,826**	**119,149**	**554,940**	**586**	**768,826**	**-8,823**	**213,749**	**8,294**	**19,486**	**13,741**	**543**	**6,737**	**3,580,053**
2002 January	162,521	6,265	40,827	201	70,926	-750	21,498	805	1,665	1,287	11	811	306,171
February	141,430	5,300	37,533	107	61,658	-586	19,912	652	1,481	1,132	24	714	269,476
March	149,724	7,826	43,875	160	63,041	-684	20,732	776	1,688	1,245	44	852	289,322
April	140,498	7,463	42,701	131	58,437	-585	23,929	661	1,562	1,115	46	1,024	277,126
May	149,646	7,767	43,200	128	63,032	-539	26,375	702	1,694	1,216	58	1,078	294,517
June	162,736	7,428	58,686	140	66,372	-863	27,957	749	1,742	1,151	96	1,126	327,553
July	181,001	9,504	76,391	198	70,421	-998	25,196	801	1,840	1,262	86	890	366,980
August	177,962	9,350	76,936	202	70,778	-935	20,806	779	1,836	1,227	75	977	360,351
September	163,497	7,703	61,381	181	64,481	-777	16,839	808	1,699	1,195	53	736	317,976
October	157,195	7,690	47,932	171	60,493	-681	16,828	739	1,624	1,235	31	734	294,096
November	154,172	5,817	38,737	165	61,520	-666	19,282	756	1,619	1,189	28	656	283,374
December	170,231	7,620	39,484	186	68,905	-680	21,138	782	1,732	1,236	4	755	311,516
Total	**1,910,613**	**89,733**	**607,683**	**1,970**	**780,064**	**-8,743**	**260,491**	**9,009**	**20,180**	**14,491**	**555**	**10,354**	**3,698,458**
2003 January	178,525	11,653	41,058	111	69,211	-760	19,295	820	1,534	1,144	13	558	323,210
February	154,267	10,021	36,778	97	60,942	-774	19,263	700	1,429	1,028	18	692	284,466
March	152,801	9,805	39,085	99	59,933	-797	23,816	754	1,673	1,118	50	1,008	289,424
April	139,899	7,743	37,302	123	56,776	-554	24,577	703	1,657	1,043	60	1,099	270,496
May	147,568	7,541	41,967	105	62,194	-619	29,367	604	1,670	1,035	68	891	292,431
June	159,239	10,500	45,284	94	64,181	-780	27,995	688	1,671	1,092	91	964	311,065
July	180,771	11,630	67,944	92	69,653	-755	24,173	819	1,782	1,099	63	917	358,244
August	183,600	11,895	73,491	90	69,024	-818	22,331	835	1,706	1,096	62	779	364,220
September	161,900	8,346	49,084	94	63,584	-785	17,783	721	1,517	1,086	56	824	304,244
October	157,345	8,111	43,940	112	60,016	-634	17,899	805	1,677	1,077	36	909	291,341
November	157,073	6,064	38,250	110	59,600	-715	19,289	781	1,727	1,085	14	995	284,297
December	175,019	9,212	36,464	103	68,612	-677	23,500	816	1,827	1,246	4	1,095	317,231
Total	**1,948,007**	**112,522**	**550,647**	**1,230**	**763,725**	**-8,668**	**269,289**	**9,047**	**19,870**	**13,149**	**535**	**10,729**	**3,690,670**
2004 January	179,816	14,152	39,351	145	70,789	-753	22,710	826	1,648	1,254	12	918	330,891
February	160,973	8,517	41,725	142	64,103	-642	20,725	792	1,505	1,177	18	967	300,051
March	152,104	8,972	40,843	175	63,285	-683	22,593	788	1,642	1,199	53	1,187	292,194
April	140,060	8,368	43,131	223	58,635	-670	20,736	690	1,634	1,119	57	1,236	275,242
May	155,821	9,712	52,275	179	64,917	-664	23,604	715	1,757	1,172	81	1,635	311,233
June	R 164,901	R 10,159	R 55,515	R 204	67,787	-676	R 24,914	R 701	R 1,692	1,190	88	R 1,360	R 327,841
July	178,005	11,334	69,025	283	71,975	-663	22,872	850	1,763	1,241	82	1,096	357,879
7-Month Total	**1,131,680**	**71,214**	**341,865**	**1,352**	**461,493**	**-4,751**	**158,154**	**5,362**	**11,641**	**8,352**	**390**	**8,400**	**2,195,330**
2003 7-Month Total	**1,113,071**	**68,894**	**309,419**	**721**	**442,889**	**-5,040**	**168,486**	**5,089**	**11,415**	**7,560**	**363**	**6,127**	**2,129,337**
2002 7-Month Total	**1,087,557**	**51,553**	**343,214**	**1,066**	**453,887**	**-5,005**	**165,599**	**5,146**	**11,671**	**8,408**	**364**	**6,496**	**2,131,145**

[a] Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.
[b] Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil.
[c] Natural gas, plus a small amount of supplemental gaseous fuels that cannot be identified separately.
[d] Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[e] Pumped storage facility production minus energy used for pumping.
[f] Wood, black liquor, and other wood waste.
[g] Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.
[h] Solar thermal and photovoltaic energy.
[i] "Total" includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies, which are not separately displayed.
[j] Included in "Conventional Hydroelectric Power."
[k] Through 1988, data are for generation at electric utilities only. Beginning in 1989, data also include generation at independent power producers.
R=Revised. NA=Not available.
Notes, Web Page, and Sources: See end of section.