

Table 7.2b Electricity Net Generation: Electric Power Sector
(Subset of Table 7.2a; Million Kilowatthours)

	Fossil Fuels				Nuclear Electric Power	Hydro-electric Pumped Storage ^e	Renewable Energy						Total ^j	
	Coal ^a	Petroleum ^b	Natural Gas ^c	Other Gases ^d			Conventional Hydro-electric Power ^f	Biomass		Geo-thermal	Solar ⁱ	Wind		
								Wood ^g	Waste ^h					
1950 Total	154,520	33,734	44,559	NA	0	()	95,938	390	NA	NA	NA	NA	NA	329,141
1955 Total	301,363	37,138	95,285	NA	0	()	112,975	276	NA	NA	NA	NA	NA	547,038
1960 Total	403,067	47,987	157,970	NA	518	()	145,833	140	NA	33	NA	NA	NA	755,549
1965 Total	570,926	64,801	221,559	NA	3,657	()	193,851	269	NA	189	NA	NA	NA	1,055,252
1970 Total	704,394	184,183	372,890	NA	21,804	()	247,714	136	220	525	NA	NA	NA	1,531,868
1975 Total	852,786	289,095	299,778	NA	172,505	()	300,047	18	174	3,246	NA	NA	NA	1,917,649
1980 Total	1,161,562	245,994	346,240	NA	251,116	()	276,021	275	158	5,073	NA	NA	NA	2,286,439
1985 Total	1,402,128	100,202	291,946	NA	383,691	()	281,149	743	640	9,325	11	6	6	2,469,841
1990 Total^k	1,572,109	118,864	309,486	621	576,862	-3,508	289,753	7,032	11,500	15,434	367	2,789	2,789	2,901,322
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	3,164	3,194,230
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	5,593	3,637,529
2001 Total	1,882,826	119,149	554,940	586	768,826	-8,823	213,749	8,294	12,944	13,741	543	6,737	6,737	3,580,053
2002 Total	1,910,613	89,733	607,683	1,970	780,064	-8,743	260,491	9,009	13,145	14,491	555	10,354	10,354	3,698,458
2003 Total	1,952,714	113,697	567,303	2,647	763,733	-8,535	271,512	9,528	13,808	14,424	534	11,187	11,187	3,721,159
2004 Total	1,957,188	114,678	627,172	3,568	788,528	-8,488	265,064	9,736	13,062	14,811	575	14,144	14,144	3,808,360
2005 Total	1,992,054	116,482	683,829	3,777	781,986	-6,558	267,040	10,570	13,031	14,692	550	17,811	17,811	3,902,172
2006 Total	1,969,737	99,708	734,417	4,254	787,219	-6,558	286,254	10,341	13,927	14,568	508	26,589	26,589	3,908,077
2007 Total	1,998,390	61,306	814,752	4,042	806,425	-6,896	245,843	10,711	14,294	14,637	612	34,450	34,450	4,005,343
2008 Total	1,968,838	42,881	802,372	3,200	806,208	-6,288	253,096	10,638	15,379	14,840	864	55,363	55,363	3,974,349
2009 Total	1,741,123	35,811	841,006	3,058	798,855	-4,627	271,506	10,738	15,954	15,009	891	73,886	73,886	3,809,837
2010 Total	1,827,738	34,679	901,389	2,967	806,968	-5,501	258,455	11,446	16,376	15,219	1,206	94,636	94,636	3,972,386
2011 Total	1,717,891	28,202	926,290	2,939	790,204	-6,421	317,531	11,733	15,989	15,316	1,727	120,121	120,121	3,948,186
2012 Total	1,500,557	20,072	1,132,791	2,984	769,331	-4,950	273,859	11,050	16,555	15,562	4,164	140,749	140,749	3,890,358
2013 Total	1,567,722	24,510	1,028,949	4,322	789,016	-4,681	265,058	12,302	16,918	15,775	8,724	167,742	167,742	3,903,715
2014 Total	1,568,774	28,043	1,033,172	3,358	797,166	-6,174	258,046	15,027	17,602	15,877	17,304	181,496	181,496	3,937,003
2015 January	131,431	2,789	93,450	394	74,270	-551	24,014	1,307	1,411	1,362	1,134	15,146	15,146	346,758
February	126,024	6,074	84,207	329	63,461	-456	22,179	1,234	1,261	1,260	1,459	14,908	14,908	322,473
March	107,471	1,644	92,110	327	64,547	-409	24,148	1,227	1,393	1,394	2,037	15,293	15,293	311,741
April	88,147	1,570	85,828	290	59,784	-214	22,331	1,025	1,402	1,272	2,338	17,850	17,850	282,197
May	103,672	1,794	94,124	338	65,827	-370	19,995	1,093	1,483	1,390	2,456	17,136	17,136	309,552
June	124,677	1,723	113,390	299	68,516	-398	20,297	1,244	1,473	1,302	2,512	13,410	13,410	349,067
July	138,060	2,185	132,266	311	71,412	-513	20,896	1,365	1,639	1,357	2,579	13,666	13,666	385,889
August	133,651	2,013	130,314	331	72,415	-626	19,030	1,410	1,587	1,344	2,639	13,070	13,070	377,856
September	117,005	1,899	114,792	331	66,476	-544	16,015	1,201	1,481	1,203	2,178	13,961	13,961	336,618
October	95,872	1,657	102,022	229	60,571	-443	16,513	1,047	1,509	1,323	1,875	16,364	16,364	299,168
November	86,362	1,583	94,132	234	60,264	-285	19,202	1,157	1,565	1,334	1,702	19,663	19,663	287,551
December	88,622	1,575	101,022	304	69,634	-281	23,017	1,254	1,620	1,377	1,545	20,080	20,080	310,423
Total	1,340,993	26,505	1,237,656	3,715	797,178	-5,091	247,636	14,563	17,823	15,918	24,456	190,547	190,547	3,919,294
2016 January	112,632	2,163	101,394	370	72,525	-312	25,285	1,235	1,603	1,471	1,491	18,513	18,513	339,004
February	91,856	2,013	90,441	341	65,638	-399	24,014	1,200	1,423	1,372	2,395	20,184	20,184	301,047
March	71,255	1,651	95,645	373	66,149	-384	26,873	1,148	1,461	1,460	2,664	21,957	21,957	290,840
April	71,279	1,717	91,696	330	62,365	-452	25,339	859	1,501	1,340	2,903	20,724	20,724	280,203
May	80,966	1,779	102,698	296	66,576	-321	25,226	953	1,629	1,476	3,547	18,776	18,776	304,263
June	115,375	1,817	123,467	365	67,175	-497	22,791	1,139	1,558	1,364	3,545	16,301	16,301	355,036
July	135,589	2,172	143,001	345	70,349	-784	21,140	1,289	1,595	1,424	4,024	17,578	17,578	398,363
August	134,907	2,209	146,199	346	71,526	-902	19,266	1,315	1,610	1,444	3,886	13,548	13,548	396,003
September	113,529	1,799	117,270	369	65,448	-715	16,217	1,160	1,502	1,451	3,624	16,415	16,415	338,670
October	98,633	1,429	94,516	246	60,733	-561	17,166	920	1,474	1,489	3,145	20,362	20,362	300,141
November	86,365	1,723	86,158	361	65,179	-607	18,744	973	1,498	1,507	2,660	19,324	19,324	284,484
December	118,054	1,855	87,834	327	71,662	-753	22,411	1,235	1,643	1,620	2,273	22,969	22,969	331,793
Total	1,230,442	22,325	1,280,317	4,066	805,327	-6,686	264,470	13,425	18,496	17,417	36,157	226,653	226,653	3,919,849
2017 January	114,723	1,991	82,815	364	73,121	-418	27,569	1,098	1,583	1,541	2,182	20,333	20,333	327,533
February	86,553	1,513	71,031	344	64,053	-504	24,488	1,076	1,397	1,369	2,533	21,675	21,675	276,093
March	88,929	1,581	84,713	382	65,093	-517	30,047	1,230	1,463	1,533	4,425	25,576	25,576	305,033
April	81,166	1,236	78,659	302	56,743	-437	29,090	1,082	1,388	1,503	4,764	25,382	25,382	281,440
4-Month Total	371,371	6,321	317,218	1,392	259,010	-1,876	111,193	4,487	5,831	5,945	13,904	92,966	92,966	1,190,099
2016 4-Month Total	347,022	7,543	379,176	1,413	266,677	-1,546	101,510	4,442	5,988	5,643	9,453	81,379	81,379	1,211,094
2015 4-Month Total	453,072	12,077	355,595	1,340	262,063	-1,631	92,671	4,793	5,466	5,288	6,969	63,197	63,197	1,263,168

^a Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal syngas.

^b Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, waste oil, and, beginning in 2011, propane.

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

^d Blast furnace gas, and other manufactured and waste gases derived from fossil fuels. Through 2010, also includes propane gas.

^e Pumped storage facility production minus energy used for pumping.

^f Through 1989, hydroelectric pumped storage is included in "Conventional Hydroelectric Power."

^g Wood and wood-derived fuels.

^h 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).

ⁱ Electricity net generation from solar thermal and photovoltaic (PV) energy at utility-scale facilities. Does not include distributed (small-scale) solar photovoltaic

generation. See Table 10.6.

^j Includes 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).

^k Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities and independent power producers.

NA=Not available.

Notes: • Data are for utility-scale facilities. See Note 1, "Coverage of Electricity Statistics," at end of section. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#electricity> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.