

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 ⁱ
	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	329,141
1955 Total	301,363	37,138	95,285	NA	0	{	112,975	276	NA	NA	NA	NA	547,038
1960 Total	403,067	47,987	157,970	NA	518	{	145,833	140	NA	33	NA	NA	755,549
1965 Total	570,926	64,801	221,559	NA	3,657	{	193,851	269	NA	189	NA	NA	1,055,252
1970 Total	704,394	184,183	372,890	NA	21,804	{	247,714	136	220	525	NA	NA	1,531,868
1975 Total	852,786	289,095	299,778	NA	172,505	{	300,047	18	174	3,246	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	2,286,439
1985 Total	1,402,128	100,202	291,946	NA	383,691	{	281,149	743	640	9,325	11	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	2,901,322
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	3,194,230
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	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	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	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	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	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	3,902,192
2006 Total	1,969,737	59,708	734,417	4,254	787,219	-6,558	286,254	10,341	13,927	14,568	508	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	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	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	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	3,972,386
2011 Total	1,717,891	28,202	926,290	2,939	790,204	-6,421	317,531	10,733	15,989	15,316	1,727	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	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	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	3,937,003
2015 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	3,919,294
2016 January	112,624	2,217	101,786	344	72,525	-312	25,464	1,202	1,490	1,332	1,458	18,447	339,200
February	91,909	2,079	90,849	299	65,638	-399	24,006	1,183	1,424	1,243	2,201	20,118	301,122
March	71,346	1,695	95,849	360	66,149	-384	27,226	1,135	1,491	1,315	2,571	21,920	291,262
April	71,419	1,745	91,257	317	62,732	-452	25,735	883	1,501	1,209	2,831	20,781	280,548
May	80,935	1,814	102,482	313	66,576	-321	25,355	947	1,585	1,342	3,375	18,832	303,879
June	115,197	1,847	123,043	351	67,175	-497	23,125	1,094	1,516	1,251	3,418	16,290	354,445
July	135,420	2,186	142,558	346	70,349	-784	21,337	1,242	1,534	1,311	3,886	17,605	397,635
August	134,762	2,210	145,610	332	71,526	-902	19,458	1,313	1,557	1,324	3,908	13,579	395,328
September	113,347	1,822	117,197	346	65,448	-715	16,279	1,168	1,474	1,327	3,584	16,391	338,260
October	98,474	1,450	94,754	234	60,733	-561	17,229	952	1,406	1,353	3,147	20,318	300,073
November	86,275	1,737	85,907	351	65,179	-607	18,721	1,066	1,577	1,364	2,729	19,388	284,282
December	117,955	1,908	88,088	318	71,662	-753	22,390	1,234	1,628	1,454	2,389	23,122	332,044
Total	1,229,663	22,710	1,279,380	3,912	805,694	-6,686	266,326	13,420	18,183	15,826	35,497	226,790	3,918,078
2017 January	114,703	1,961	82,914	351	73,121	-435	27,707	1,209	1,569	1,399	2,128	20,732	327,977
February	86,179	1,493	73,522	336	63,560	-508	24,409	1,143	1,380	1,241	2,469	22,211	277,981
March	88,726	1,561	86,697	373	65,093	-521	30,069	1,311	1,464	1,380	4,381	26,109	307,195
April	80,921	1,199	78,475	300	56,743	-439	29,170	1,107	1,392	1,357	4,721	25,731	281,222
May	92,224	1,655	88,942	347	61,313	-423	32,015	1,198	1,455	1,295	5,698	22,622	308,920
June	106,998	1,763	107,928	344	67,011	-568	30,275	1,288	1,430	1,265	6,174	19,694	344,188
July	127,232	1,618	136,039	377	71,314	-759	25,604	1,391	1,478	1,368	5,435	15,752	387,462
August	119,052	1,608	131,278	370	72,384	-638	21,115	1,358	1,490	1,357	5,334	13,078	368,413
September	97,726	1,568	109,084	333	68,098	-606	18,852	1,187	1,386	1,325	5,103	17,253	321,859
October	89,384	1,444	99,152	316	65,995	-463	17,096	1,306	1,412	1,261	4,771	24,799	307,032
November	90,490	1,495	84,628	364	66,618	-478	19,706	1,272	1,435	1,334	3,085	23,300	293,828
December	105,857	2,398	97,506	368	73,700	-656	22,370	1,335	1,495	1,393	3,027	22,757	332,180
Total	1,199,492	19,764	1,176,165	4,177	804,950	-6,495	298,380	15,106	17,386	15,976	52,326	254,039	3,858,258
2018 January	117,898	5,978	100,994	330	74,649	-547	25,286	1,379	1,484	1,373	3,229	26,811	359,483
February	81,358	1,413	88,659	330	64,790	-315	25,457	1,215	1,429	1,303	3,994	23,914	294,131
March	79,984	1,304	96,118	354	67,033	-490	25,740	1,248	1,519	1,385	5,047	27,249	307,104
April	72,869	1,338	92,201	334	59,087	-377	27,469	920	1,431	1,212	6,045	26,733	289,832
May	84,753	1,353	107,653	373	67,320	-390	30,139	1,188	1,407	1,409	7,012	23,381	326,172
June	100,952	1,706	121,670	336	69,688	-433	27,277	1,265	1,445	1,336	7,717	24,387	357,980
July	114,899	1,732	156,302	373	72,456	-644	23,573	1,288	1,448	1,397	6,789	15,879	396,135
7-Month Total	652,713	14,824	763,597	2,429	475,023	-3,197	184,941	8,504	10,161	9,414	39,833	168,355	2,330,838
2017 7-Month Total	696,984	11,251	654,517	2,426	458,155	-3,653	199,249	8,647	10,168	9,306	31,006	152,853	2,234,946
2016 7-Month Total	678,849	13,584	747,824	2,330	471,145	-3,148	172,248	7,687	10,541	9,004	19,740	133,993	2,268,090

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

^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.