

Table 7.2b Electricity Net Generation: Electric Power Sector

(Subset of Table 7.2a; Million Kilowatt-hours)

	Fossil Fuels				Nuclear Electric Power	Hydro-electric Pumped Storage ^e	Renewable Energy					Total ^j	
	Coal ^a	Petro-leum ^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	1,822,523	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	-6,481	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	298,388	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
2-Month Total	199,256	7,391	189,652	660	139,439	-862	50,743	2,594	2,913	2,676	7,223	50,725	653,615
2017 2-Month Total	200,882	3,454	156,436	687	136,681	-943	52,116	2,353	2,949	2,641	4,597	42,943	605,958
2016 2-Month Total	204,533	4,296	192,636	643	138,163	-710	49,470	2,385	2,914	2,575	3,659	38,565	640,322

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