

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	Petro- leum ^b	Natural Gas ^c	Other Gases ^d			Conven- tional Hydro- electric Power ^f	Biomass		Geo- thermal	Solar ⁱ	Wind	
								Wood ^g	Waste ^h				
1950 Total	154,520	33,734	44,559	NA	0	{ f }	95,938	390	NA	NA	NA	NA	329,141
1955 Total	301,363	37,138	95,285	NA	0	{ f }	112,975	276	NA	NA	NA	NA	547,038
1960 Total	403,067	47,987	157,970	NA	518	{ f }	145,833	140	NA	33	NA	NA	755,549
1965 Total	570,926	64,801	221,559	NA	3,657	{ f }	193,851	269	NA	189	NA	NA	1,055,252
1970 Total	704,394	184,183	372,890	NA	21,804	{ f }	247,714	136	220	525	NA	NA	1,531,868
1975 Total	852,786	289,095	299,778	NA	172,505	{ f }	300,047	18	174	3,246	NA	NA	1,917,649
1980 Total	1,161,562	245,994	346,240	NA	251,116	{ f }	276,021	275	158	5,073	NA	NA	2,286,439
1985 Total	1,402,128	100,202	291,946	NA	383,691	{ f }	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
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 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 Total	1,197,838	20,039	1,196,753	4,126	804,950	-6,495	298,711	13,641	18,084	15,927	52,724	254,074	3,877,453
2018 Total	1,142,173	23,928	1,365,822	4,086	807,084	-5,905	291,148	13,385	17,623	15,934	63,253	272,396	4,018,167
2019 January	100,294	2,104	112,144	360	73,701	-323	24,658	1,141	1,412	1,348	3,546	24,273	345,324
February	79,382	1,420	103,949	351	64,715	-389	22,772	947	1,266	1,252	3,798	22,598	302,635
March	77,819	1,307	107,124	383	65,080	-409	26,208	939	1,364	1,378	5,841	25,746	313,385
April	59,426	1,089	95,861	329	60,581	-103	27,695	769	1,276	1,227	6,690	28,888	284,309
May	71,388	1,597	108,445	324	67,124	-368	31,857	965	1,347	1,304	7,095	25,757	317,498
June	78,043	1,435	128,930	329	68,805	-385	27,965	975	1,346	1,294	7,898	22,426	339,709
July	100,225	1,652	162,249	372	72,199	-622	24,788	1,151	1,383	1,342	8,053	22,084	395,547
August	93,517	1,636	165,140	377	71,911	-579	22,504	1,172	1,393	1,362	7,803	19,964	386,904
September	85,216	1,417	140,483	342	66,064	-671	18,461	1,045	1,303	1,338	6,754	24,494	346,894
October	66,311	1,056	121,934	189	62,033	-373	18,232	899	1,334	1,103	6,040	27,599	306,999
November	75,046	1,146	108,683	326	64,125	-509	20,139	957	1,288	941	4,323	25,160	302,253
December	72,065	1,361	122,198	354	73,074	-529	21,374	1,060	1,380	1,140	3,423	26,616	324,174
Total	958,732	17,220	1,477,139	4,037	809,409	-5,261	286,652	12,020	16,091	15,031	71,265	295,604	3,965,629
2020 January	64,548	1,514	123,298	354	74,170	-377	25,222	1,053	1,422	1,229	4,615	28,520	326,217
February	55,590	1,177	116,654	370	65,950	-247	26,260	1,004	1,284	1,233	5,657	29,368	304,885
March	50,145	1,306	114,766	288	63,997	-353	23,483	949	1,437	1,473	6,436	29,496	294,084
April	40,189	1,157	100,048	150	59,170	-325	22,002	823	1,364	1,410	8,052	29,386	264,054
May	46,094	1,210	107,853	161	64,338	-367	30,367	944	1,382	1,411	9,679	28,282	291,979
June	64,920	1,576	134,669	133	67,205	-499	28,950	907	1,247	1,338	9,555	29,446	340,019
July	89,368	1,691	176,293	162	69,385	-686	27,571	992	1,339	1,404	10,386	22,186	400,737
August	90,814	1,609	164,758	303	68,982	-784	23,985	1,159	1,365	1,400	9,428	22,341	386,013
September	67,978	1,170	133,123	297	65,727	-525	19,076	847	1,307	1,359	7,824	22,977	321,755
October	59,440	1,139	123,640	238	59,362	-423	18,237	808	1,292	1,341	7,284	28,770	301,722
November	60,896	1,350	100,783	306	61,760	-369	21,736	922	1,253	1,448	5,845	33,582	290,110
December	78,215	1,557	116,315	337	69,871	-368	22,981	1,015	1,370	1,434	5,338	32,329	331,059
Total	768,196	16,456	1,512,199	3,097	789,919	-5,321	289,870	11,423	16,062	16,481	90,097	336,681	3,852,634
2021 January	81,340	1,505	116,050	326	71,832	-424	26,047	1,031	1,371	1,360	5,689	30,319	337,092
February	87,393	2,172	104,470	191	62,954	-425	22,043	1,021	1,216	1,288	6,452	26,561	315,905
March	61,561	1,568	97,691	196	63,708	-236	21,247	1,040	1,364	1,248	9,267	39,466	298,757
April	53,494	1,065	99,521	246	57,092	-197	19,158	721	1,281	1,267	10,837	35,809	280,877
May	63,412	1,223	105,770	260	62,053	-416	23,307	969	1,330	1,337	12,370	33,113	305,324
June	86,848	1,251	140,120	304	66,070	-376	24,783	1,033	1,294	1,352	11,974	26,305	361,556
6-Month Total	434,047	8,784	663,622	1,523	383,711	-2,074	136,584	5,815	7,857	7,851	56,591	191,574	1,899,511
2020 6-Month Total	321,485	7,940	697,287	1,455	394,830	-2,167	156,284	5,681	8,135	8,095	43,994	174,496	1,821,238
2019 6-Month Total	466,352	8,952	656,452	2,076	400,005	-1,977	161,154	5,735	8,011	7,804	34,869	149,688	1,902,858

^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.