

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	Petro- leum ^b	Natural Gas ^c	Other Fossil 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	()	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
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
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	1,033,198	3,358	797,166	-6,174	258,046	15,027	17,602	15,877	17,304	181,496	3,936,961
2015 Total	1,340,993	26,505	1,238,842	3,715	797,178	-5,091	247,636	14,563	17,823	15,918	24,456	190,547	3,920,407
2016 Total	1,229,663	22,710	1,280,344	3,912	805,694	-6,686	266,326	13,420	18,183	15,826	35,497	226,790	3,918,977
2017 Total	1,197,838	20,039	1,198,014	4,126	804,950	-6,495	298,711	13,641	18,084	15,927	52,724	254,074	3,878,625
2018 Total	1,142,173	23,928	1,368,532	4,086	807,084	-5,905	291,148	13,385	17,623	15,934	63,253	272,396	4,020,877
2019 Total	958,732	17,220	1,479,858	4,037	809,409	-5,261	286,652	12,020	16,091	15,031	71,265	295,604	3,968,348
2020 Total	767,702	16,333	1,522,299	3,174	789,879	-5,321	284,059	11,211	15,625	15,441	88,511	^R 337,666	^R 3,854,170
2021 Total	892,440	18,308	1,476,603	3,304	779,645	-5,112	250,391	11,897	14,834	15,473	114,523	377,917	3,957,181
2022 January	87,114	3,564	125,609	292	70,577	-493	24,097	1,042	1,032	1,470	7,772	37,386	359,855
February	70,538	1,651	106,942	251	61,852	-412	21,216	1,019	947	1,243	8,969	37,613	312,158
March	60,541	1,381	103,941	270	63,154	-318	24,302	964	1,032	1,286	11,618	42,997	311,530
April	54,915	1,200	97,597	291	55,290	-265	19,943	825	952	1,282	13,312	46,134	291,814
May	62,061	1,349	118,690	365	63,382	-467	23,248	929	973	1,327	15,022	42,096	329,317
June	72,986	1,498	146,881	281	65,715	-589	25,897	1,037	994	1,276	15,946	33,746	366,018
July	85,936	1,448	179,569	342	68,857	-768	24,489	1,170	1,018	1,341	15,662	29,458	408,874
August	84,733	1,500	179,279	277	68,897	-640	21,050	1,157	990	1,354	14,403	24,706	398,041
September	64,564	1,510	148,410	306	63,733	-598	16,948	992	949	1,329	13,199	27,315	338,966
October	53,805	1,481	125,017	276	58,945	-434	14,301	870	973	1,298	11,865	32,721	301,419
November	55,978	1,392	118,778	236	62,041	-495	17,818	940	927	1,397	8,345	41,168	308,815
December	72,925	3,853	131,973	264	69,094	-548	20,318	1,057	953	1,482	6,735	38,653	347,081
Total	826,097	21,827	1,582,687	3,451	771,537	-6,028	253,627	12,002	11,739	16,087	142,847	433,994	4,073,888
2023 January	60,915	1,303	129,673	285	70,870	-620	22,640	994	976	1,420	7,763	38,335	334,884
February	45,995	1,535	116,732	238	60,807	-456	19,849	845	881	1,302	9,379	41,396	298,769
March	49,733	1,152	124,829	280	62,820	-519	21,198	859	933	1,442	12,138	43,555	318,696
April	39,877	1,109	112,301	202	56,662	-290	19,703	675	856	1,356	14,961	42,718	290,387
May	43,427	1,153	128,917	308	61,155	-459	27,541	839	963	1,345	17,175	32,206	314,885
June	57,400	1,208	152,766	273	64,819	-551	21,484	875	932	1,293	17,733	27,532	346,070
July	78,504	1,546	189,665	305	69,888	-656	21,885	989	954	1,296	18,788	27,996	411,451
August	77,734	1,544	189,336	333	69,744	-653	21,213	1,009	961	1,267	17,648	28,381	408,816
September	59,586	1,427	156,944	289	65,560	-553	16,851	819	889	1,315	15,500	28,342	347,210
October	50,575	1,222	131,868	249	61,436	-372	15,609	634	928	1,420	14,049	36,001	313,881
November	50,851	1,020	126,466	262	62,258	-347	16,960	779	918	1,440	10,388	36,422	307,692
December	55,971	1,169	140,360	316	68,854	-514	18,933	868	1,005	1,473	9,070	38,016	335,801
Total	670,569	15,388	1,699,856	3,340	774,873	-5,990	243,865	10,187	11,194	16,367	164,590	420,900	4,028,541
2024 January	75,275	1,776	150,371	292	69,080	-412	21,811	967	927	1,421	9,673	34,808	366,249
February	43,689	912	122,322	211	64,584	-404	19,997	773	843	1,318	12,399	41,424	308,302
March	37,981	918	122,064	195	63,346	-349	23,205	764	865	1,288	15,700	45,475	311,667
April	37,008	1,099	112,951	231	57,621	-338	19,282	693	805	1,335	18,942	47,207	297,013
May	45,560	1,127	135,082	192	64,973	-292	22,506	849	903	1,245	21,987	38,565	332,971
June	61,017	1,247	160,991	286	68,192	-586	21,066	863	884	1,270	24,059	38,038	377,519
July	71,274	1,380	198,573	251	69,885	-649	21,093	852	936	1,326	23,985	27,892	417,005
August	68,435	1,399	193,473	217	69,760	-812	21,257	868	942	1,313	23,831	28,679	409,568
September	54,158	1,080	160,627	250	62,660	-654	16,578	759	903	1,272	19,989	28,894	346,700
October	46,660	1,050	138,352	219	58,437	-432	15,743	632	881	1,195	19,359	39,998	322,244
10-Month Total	541,057	11,988	1,494,805	2,342	648,539	-4,929	202,539	8,019	8,887	12,983	189,923	370,979	3,489,239
2023 10-Month Total	563,747	13,199	1,433,029	2,762	643,761	-5,129	207,973	8,540	9,272	13,455	145,131	346,461	3,385,049
2022 10-Month Total	697,193	16,581	1,331,936	2,952	640,402	-4,984	215,490	10,005	9,860	13,208	127,767	354,174	3,417,991

^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 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.

R=Revised. 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.