

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	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	337,153	3,853,656
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	7,773	37,386	359,856
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	291,815
May	62,061	1,349	118,690	365	63,382	-467	23,248	929	973	1,327	15,022	42,096	329,318
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	15,663	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	11,866	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	308,816
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	142,852	433,994	4,073,892
2023 January	60,855	NM	128,757	285	70,870	-612	22,173	1,033	1,033	1,558	7,930	39,184	334,696
February	46,115	NM	115,515	239	60,807	-448	18,584	833	939	1,302	9,193	42,153	296,905
March	49,688	1,207	123,369	261	62,820	-511	20,093	767	993	1,380	12,063	44,548	316,973
April	39,779	1,127	112,809	171	56,662	-281	17,391	593	871	1,347	14,666	43,043	288,428
May	43,463	1,127	129,494	282	61,473	-450	27,333	858	991	1,371	16,822	32,043	315,117
June	57,318	1,218	152,789	242	64,965	-542	19,383	864	945	1,273	17,528	27,527	343,813
July	78,715	1,587	191,069	292	69,888	-648	21,105	1,003	976	1,303	18,769	27,889	412,235
August	77,801	1,614	190,358	344	69,744	-644	21,024	1,005	979	1,341	17,711	28,530	410,087
September	59,625	1,485	156,193	277	65,560	-544	16,389	780	914	1,351	15,473	28,214	345,956
October	50,587	1,223	132,178	246	61,403	-371	17,987	464	961	1,414	14,003	36,464	316,802
November	50,872	1,106	126,257	277	62,258	-339	18,012	679	929	1,410	10,192	37,019	308,934
December	55,884	1,204	136,471	317	68,898	-506	19,238	666	1,043	1,413	9,133	38,349	332,392
Total	670,700	15,596	1,695,259	3,234	775,347	-5,897	238,712	9,545	11,573	16,462	163,485	424,963	4,022,339
2024 January	75,245	1,720	150,546	286	69,080	-411	21,125	935	934	1,368	9,586	34,955	365,625

^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 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. NM=Not meaningful.

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.