

Table 7.2a Electricity Net Generation: Total (All Sectors)

(Sum of Tables 7.2b and 7.2c; Million Kilowatthours)

	Fossil Fuels						Hydro-electric Pumped Storage ^e	Renewable Energy						Total ^j
	Coal ^a	Petro-leum ^b	Natural Gas ^c	Other Fossil Gases ^d	Nuclear Electric Power			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	()	100,885	390	NA	NA	NA	NA	334,088	
1955 Total	301,363	37,138	95,285	NA	0	()	116,236	276	NA	NA	NA	NA	550,299	
1960 Total	403,067	47,987	157,970	NA	518	()	149,440	140	NA	33	NA	NA	759,156	
1965 Total	570,926	64,801	221,559	NA	3,657	()	196,984	269	NA	189	NA	NA	1,058,386	
1970 Total	704,394	184,183	372,890	NA	21,804	()	250,957	136	220	525	NA	NA	1,535,111	
1975 Total	852,786	289,095	299,778	NA	172,505	()	303,153	18	174	3,246	NA	NA	1,920,755	
1980 Total	1,161,562	245,994	346,240	NA	251,116	()	279,182	275	158	5,073	NA	NA	2,289,600	
1985 Total	1,402,128	100,202	291,946	NA	383,691	()	284,311	743	640	9,325	11	6	2,473,002	
1990 Total ^k	1,594,011	126,460	372,765	10,383	576,862	-3,508	292,866	32,522	13,260	15,434	367	2,789	3,037,827	
1995 Total	1,709,426	74,554	496,058	13,870	673,402	-2,725	310,833	36,521	20,405	13,378	497	3,164	3,353,487	
2000 Total	1,966,265	111,221	601,038	13,955	753,893	-5,539	275,573	37,595	23,131	14,093	493	5,593	3,802,105	
2005 Total	2,012,873	122,225	760,960	13,464	781,986	-6,558	270,321	38,856	15,420	14,692	550	17,811	4,055,423	
2010 Total	1,847,290	37,061	987,697	11,313	806,968	-5,501	260,203	37,172	18,917	15,219	1,212	94,652	4,125,060	
2011 Total	1,733,430	30,182	1,013,689	11,566	790,204	-6,421	319,355	37,449	19,222	15,316	1,818	120,177	4,100,141	
2012 Total	1,514,043	23,190	1,225,894	11,898	769,331	-4,950	276,240	37,799	19,823	15,562	4,327	140,822	4,047,765	
2013 Total	1,581,115	27,164	1,124,836	12,853	789,016	-4,681	268,565	40,028	20,830	15,775	9,036	167,840	4,065,964	
2014 Total	1,581,710	30,232	1,126,635	12,022	797,166	-6,174	259,367	42,340	21,650	15,877	17,691	181,655	4,093,564	
2015 Total	1,352,398	28,249	1,334,668	13,117	797,178	-5,091	249,080	41,929	21,703	15,918	24,893	190,719	4,078,714	
2016 Total	1,239,149	24,205	1,379,271	12,807	805,694	-6,686	267,812	40,947	21,813	15,826	36,054	226,993	4,077,574	
2017 Total	1,205,835	21,390	1,297,703	12,469	804,950	-6,495	300,333	41,124	21,610	15,927	53,287	254,303	4,035,443	
2018 Total	1,149,487	25,226	1,471,843	13,463	807,084	-5,905	292,524	40,936	20,896	15,967	63,825	272,667	4,180,988	
2019 Total	964,957	18,341	1,588,533	12,591	809,409	-5,261	287,874	38,543	18,964	15,473	71,937	295,882	4,130,574	
2020 Total	773,393	17,341	1,626,790	11,818	789,879	-5,321	285,274	36,219	18,493	15,890	89,199	337,938	4,009,767	
2021 Total	897,999	19,173	1,579,190	11,397	779,645	-5,112	251,585	36,463	17,790	15,975	115,258	378,197	4,109,699	
2022 January	87,588	3,669	134,948	1,005	70,577	-493	24,198	3,106	1,432	1,470	7,822	37,416	373,766	
February	70,966	1,735	114,945	886	61,852	-412	21,321	2,897	1,306	1,243	9,027	37,645	324,311	
March	61,019	1,459	112,477	953	63,154	-318	24,436	2,934	1,426	1,286	11,694	43,031	324,530	
April	55,329	1,277	105,506	921	55,290	-265	20,066	2,736	1,342	1,282	13,402	46,167	303,994	
May	62,532	1,431	127,091	1,036	63,382	-467	23,359	2,907	1,371	1,327	15,120	42,124	342,184	
June	73,463	1,580	155,517	987	65,715	-589	25,988	3,045	1,373	1,276	16,052	33,768	379,134	
July	86,415	1,532	189,042	1,083	68,857	-768	24,567	3,276	1,406	1,341	15,765	29,475	422,975	
August	85,215	1,577	188,860	1,008	68,897	-640	21,133	3,206	1,379	1,354	14,502	24,718	412,133	
September	64,998	1,590	156,948	987	63,733	-598	17,026	2,864	1,315	1,329	13,286	27,331	351,655	
October	54,228	1,561	133,492	968	58,945	-434	14,367	2,624	1,368	1,298	11,942	32,745	313,949	
November	56,377	1,479	127,523	911	62,041	-495	17,898	2,865	1,318	1,397	8,403	41,199	321,780	
December	73,381	4,039	140,716	978	69,094	-548	20,430	3,005	1,348	1,482	6,777	38,680	360,257	
Total	831,512	22,931	1,687,065	11,722	771,537	-6,028	254,789	35,466	16,383	16,087	143,792	434,297	4,230,668	
2023 January	61,357	1,404	138,339	945	70,870	-620	22,754	2,920	1,342	1,420	7,806	38,358	347,784	
February	46,374	1,628	124,892	891	60,807	-456	19,961	2,533	1,206	1,302	9,435	41,424	310,776	
March	50,096	1,238	133,558	1,028	62,820	-519	21,331	2,704	1,278	1,442	12,213	43,584	331,565	
April	40,233	1,169	119,878	866	56,662	-290	19,820	2,336	1,186	1,356	15,062	42,746	301,768	
May	43,804	1,210	137,296	1,011	61,155	-459	27,651	2,654	1,340	1,345	17,281	32,227	327,374	
June	57,772	1,267	161,851	974	64,819	-551	21,572	2,579	1,305	1,293	17,834	27,547	359,101	
July	78,903	1,615	199,289	1,046	69,888	-656	21,978	2,758	1,333	1,296	18,894	28,005	425,220	
August	78,112	1,609	199,000	1,088	69,744	-653	21,293	2,884	1,334	1,267	17,744	28,394	422,682	
September	59,959	1,486	166,151	983	65,560	-553	16,916	2,573	1,227	1,315	15,583	28,353	360,328	
October	50,933	1,283	140,655	924	61,436	-372	15,673	2,317	1,303	1,420	14,121	36,020	326,549	
November	51,209	1,085	135,358	959	62,258	-347	17,026	2,584	1,303	1,440	10,446	36,445	320,610	
December	56,365	1,238	149,798	1,062	68,854	-514	19,028	2,774	1,427	1,473	9,113	38,038	349,513	
Total	675,115	16,233	1,806,063	11,778	774,873	-5,990	245,002	31,615	15,585	16,367	165,530	421,141	4,183,271	
2024 January	75,691	1,863	160,174	1,071	69,080	-412	21,924	2,851	1,307	1,421	9,730	34,828	380,335	
February	44,058	981	130,989	766	64,584	-404	20,101	2,539	1,190	1,318	12,476	41,446	320,763	
March	38,390	976	130,609	719	63,346	-349	23,315	2,618	1,225	1,288	15,797	45,502	324,136	
April	37,323	1,163	121,406	767	57,621	-338	19,377	2,521	1,153	1,335	19,054	47,236	309,269	
May	45,914	1,188	143,621	774	64,973	-292	22,613	2,742	1,280	1,245	22,114	38,589	345,572	
June	61,393	1,316	169,315	880	68,192	-586	21,170	2,697	1,222	1,270	24,193	38,061	389,865	
July	71,687	1,446	207,735	854	69,885	-649	21,186	2,726	1,291	1,326	24,115	27,910	420,288	
August	68,838	1,461	203,094	861	69,760	-812	21,359	2,780	1,303	1,313	23,960	28,695	423,355	
September	54,526	1,133	169,382	741	62,660	-654	16,660	2,566	1,231	1,272	20,099	28,910	359,190	
October	46,993	1,104	146,370	620	58,437	-432	15,820	2,280	1,238	1,195	19,463	40,019	333,725	
10-Month Total	544,814	12,631	1,582,696	8,054	648,539	-4,929	203,526	26,320	12,441	12,983	191,002	371,196	3,616,499	
2023 10-Month Total	567,541	13,911	1,520,908	9,757	643,761	-5,129	208,949	26,256	12,855	13,455	145,972	346,658	3,513,147	
2022 10-Month Total	701,754	17,413	1,418,825	9,834	640,402	-4,984	216,461	29,596	13,717	13,208	128,612	354,419	3,548,630	

^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, all data except hydroelectric are for electric utilities only; hydroelectric data through 1988 include industrial plants as well as electric utilities. Beginning in 1989, data are for electric utilities, independent power producers, commercial plants, and industrial plants.

NA=Not available.

Notes: • Data are for utility-scale facilities. See Note 1, "Coverage of Electricity Statistics," at end of section. • 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: Tables 7.2b and 7.2c.