

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

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

	Fossil Fuels				Nuclear Electric Power	Hydro-electric Pumped Storage ^e	Renewable Energy						Total ⁱ
	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	()	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	4,077,714
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	11,695	43,031	324,531
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	127,094	1,036	63,382	-467	23,359	2,905	1,371	1,327	15,121	42,124	342,184
June	73,463	1,580	155,517	987	65,715	-589	25,988	3,045	1,373	1,276	16,053	33,768	379,134
July	86,415	1,532	189,042	1,083	68,857	-768	24,567	3,276	1,406	1,341	15,766	29,475	422,976
August	85,215	1,577	188,860	1,008	68,897	-640	21,133	3,206	1,379	1,354	14,503	24,718	412,134
September	64,998	1,590	156,948	987	63,733	-598	17,026	2,864	1,315	1,329	13,287	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	321,781
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	1,687,067	11,722	771,537	-6,028	254,789	35,464	16,383	16,087	143,797	434,297	4,230,672
2023 January	61,275	1,401	137,725	990	70,870	-612	22,287	3,042	1,420	1,558	7,982	39,212	348,031
February	46,488	1,464	123,928	912	60,807	-448	18,680	2,613	1,275	1,302	9,251	42,184	309,258
March	50,057	1,299	132,207	961	62,820	-511	20,197	2,623	1,348	1,380	12,144	44,580	329,920
April	40,141	1,195	120,294	717	56,662	-281	17,479	2,295	1,212	1,347	14,755	43,072	299,628
May	43,835	1,189	137,728	901	61,473	-450	27,445	2,783	1,369	1,371	16,927	32,066	327,493
June	57,700	1,288	161,827	894	64,965	-542	19,467	2,646	1,321	1,273	17,631	27,545	356,863
July	79,121	1,669	200,554	995	69,888	-648	21,199	2,807	1,362	1,303	18,880	27,903	425,902
August	78,087	1,691	199,995	1,151	69,744	-644	21,120	2,890	1,352	1,341	17,816	28,546	424,042
September	60,001	1,554	165,406	951	65,560	-544	16,469	2,476	1,256	1,351	15,563	28,230	359,047
October	50,956	1,284	140,963	913	61,403	-371	18,076	2,126	1,343	1,414	14,082	36,484	329,497
November	51,231	1,166	135,260	999	62,258	-339	18,100	2,555	1,322	1,410	10,271	37,042	322,103
December	56,271	1,271	146,174	1,067	68,898	-506	19,336	2,584	1,447	1,413	9,200	38,371	346,387
Total	675,264	16,472	1,802,062	11,451	775,347	-5,897	239,855	31,439	16,025	16,462	164,502	425,235	4,178,171
2024 January	75,662	1,809	160,450	1,029	69,080	-411	21,237	2,821	1,322	1,368	9,651	34,976	379,799
February	44,055	974	130,990	780	64,584	-396	19,597	2,468	1,229	1,269	12,389	41,626	320,280
March	38,360	966	130,423	723	63,346	-342	22,945	2,500	1,239	1,240	15,668	45,879	323,639
April	37,223	1,112	122,441	739	57,326	-330	19,190	2,446	1,182	1,292	18,938	47,689	309,896
4-Month Total	195,300	4,862	544,304	3,271	254,336	-1,479	82,969	10,235	4,972	5,169	56,646	170,169	1,333,615
2023 4-Month Total	197,961	5,359	514,155	3,580	251,160	-1,852	78,643	10,573	5,254	5,587	44,133	169,048	1,286,837
2022 4-Month Total	274,903	8,141	467,876	3,765	250,872	-1,488	90,020	11,673	5,506	5,281	41,946	164,259	1,326,602

^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.