

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
2006 Total	1,990,511	64,166	816,441	14,177	787,219	-6,558	289,246	38,762	16,099	14,568	508	26,589	4,064,702
2007 Total	2,016,456	65,739	896,590	13,453	806,425	-6,896	247,510	39,014	16,525	14,637	612	34,450	4,156,745
2008 Total	1,985,801	46,243	882,981	11,707	806,208	-6,288	254,831	37,300	17,734	14,840	864	55,363	4,119,388
2009 Total	1,755,904	38,937	920,979	10,632	798,855	-4,627	273,445	36,050	18,443	15,009	891	73,886	3,950,331
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 January	81,240	1,638	126,530	1,035	71,732	-424	24,560	3,229	1,595	1,347	5,559	30,060	349,210
February	87,470	2,249	111,183	820	62,954	-425	20,137	2,859	1,399	1,287	6,330	26,716	323,900
March	61,904	1,436	107,019	860	63,708	-236	21,220	3,108	1,574	1,242	9,296	39,205	311,397
April	53,956	1,224	107,416	871	57,092	-197	19,389	2,785	1,465	1,288	10,892	36,158	293,308
May	63,873	1,369	114,676	914	63,394	-416	23,309	2,966	1,514	1,335	12,457	33,787	320,181
June	87,265	1,385	149,376	974	66,070	-376	23,454	3,088	1,470	1,277	12,197	26,672	373,856
July	101,537	1,563	170,189	1,046	68,832	-685	22,098	3,248	1,497	1,351	12,192	21,716	405,624
August	101,855	1,943	172,716	1,031	69,471	-670	20,328	3,315	1,470	1,337	11,967	27,071	412,865
September	78,877	1,588	138,214	984	64,520	-434	17,022	3,005	1,437	1,343	11,214	28,998	347,744
October	62,572	1,549	131,852	1,062	58,401	-427	17,133	2,835	1,440	1,319	9,268	32,215	320,202
November	57,426	1,670	122,433	871	62,749	-377	19,373	2,890	1,393	1,366	7,795	35,751	314,310
December	60,025	1,559	127,586	930	70,720	-445	23,562	3,134	1,536	1,484	6,091	39,849	337,104
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	R 61,275	1,401	R 137,725	990	70,870	-612	R 22,287	3,042	R 1,420	1,558	R 7,982	R 39,212	R 348,031
February	46,488	1,464	R 123,928	912	60,807	-448	R 18,680	R 2,613	R 1,275	1,302	R 9,251	R 42,184	R 309,258
March	R 50,057	1,299	R 132,207	961	62,820	-511	R 20,197	R 2,623	R 1,348	1,380	R 12,144	R 44,580	R 329,920
April	R 40,141	1,195	R 120,294	717	56,662	-281	R 17,479	R 2,295	R 1,212	1,347	R 14,755	R 43,072	R 299,628
May	R 43,835	R 1,189	R 137,728	901	61,473	-450	R 27,445	R 2,783	R 1,369	1,371	R 16,927	R 32,066	R 327,493
June	R 57,700	1,288	R 161,827	R 894	64,965	-542	R 19,467	R 2,646	R 1,321	1,273	R 17,631	R 27,545	R 356,863
July	R 79,121	1,669	R 200,554	995	69,888	-648	R 21,199	2,807	R 1,362	1,303	R 18,880	R 27,903	R 425,902
August	R 78,187	1,691	R 199,995	1,151	69,744	-644	R 21,120	2,890	R 1,352	1,341	R 17,816	R 28,546	R 424,042
September	R 60,001	R 1,554	R 165,406	951	65,560	-544	R 16,469	R 2,476	1,256	1,351	R 15,563	R 28,230	R 359,047
October	R 50,956	1,284	R 140,963	R 913	61,403	-371	R 18,076	R 2,126	R 1,343	1,414	R 14,082	R 36,484	R 329,497
November	R 51,231	R 1,166	R 135,260	999	62,258	-339	R 18,100	2,555	R 1,322	1,410	R 10,271	R 37,042	R 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

^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.

R=Revised. 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.