

Table 7.2a Electricity Net Generation: Total (All Sectors)
(Sum of Tables 7.2b and 7.2c; Million Kilowatt-hours)

	Fossil Fuels				Nuclear Electric Power	Hydro- electric Pumped Storage ^e	Renewable Energy						Total ⁱ	
	Coal ^a	Petro- leum ^b	Natural Gas ^c	Other 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	()	100,885	390	NA	NA	NA	NA	NA	334,088
1955 Total	301,363	37,138	95,285	NA	0	()	116,236	276	NA	NA	NA	NA	NA	550,299
1960 Total	403,067	47,987	157,970	NA	518	()	149,440	140	NA	33	NA	NA	NA	759,156
1965 Total	570,926	64,801	221,559	NA	3,657	()	196,984	269	NA	189	NA	NA	NA	1,058,386
1970 Total	704,394	184,183	372,890	NA	21,804	()	250,957	136	220	525	NA	NA	NA	1,535,111
1975 Total	852,786	289,095	299,778	NA	172,505	()	303,153	18	174	3,246	NA	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	NA	2,289,600
1985 Total	1,402,128	100,202	291,946	NA	383,691	()	284,311	743	640	9,325	11	6	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	
2001 Total	1,903,956	124,880	639,129	9,039	768,826	-8,823	216,961	35,200	14,548	13,741	543	6,737	3,736,644	
2002 Total	1,933,130	94,567	691,006	11,463	780,064	-8,743	264,329	38,665	15,044	14,491	555	10,354	3,858,452	
2003 Total	1,755,904	119,406	649,908	15,600	763,733	-8,535	275,806	37,529	15,812	14,424	534	11,187	3,883,185	
2004 Total	1,978,301	121,145	710,100	15,252	788,528	-8,488	268,417	38,117	15,421	14,811	575	14,144	3,970,555	
2005 Total	2,016,873	122,225	760,960	13,464	781,986	-6,558	280,321	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	36,500	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	1,126,609	12,022	797,166	-6,174	259,367	42,340	21,650	15,877	17,691	181,655	4,093,606	
2015														
January	132,451	2,973	101,687	1,246	74,270	-551	24,138	3,717	1,725	1,362	1,155	15,162	360,455	
February	126,977	6,321	91,315	1,025	63,461	-456	22,286	3,372	1,524	1,260	1,484	14,922	334,476	
March	108,488	1,778	99,423	1,091	64,547	-409	24,281	3,457	1,712	1,394	2,072	15,308	324,192	
April	88,989	1,728	92,806	979	59,784	-214	22,471	3,246	1,729	1,272	2,379	17,867	294,133	
May	104,585	1,939	101,516	1,099	65,827	-370	20,125	3,338	1,799	1,390	2,504	17,151	322,087	
June	125,673	1,860	121,478	1,118	68,516	-398	20,414	3,496	1,784	1,302	2,558	13,421	362,409	
July	139,100	2,304	141,119	1,235	71,412	-513	21,014	3,806	1,989	1,357	2,627	13,675	400,419	
August	134,670	2,133	139,084	1,196	72,415	-626	19,122	3,788	1,921	1,344	2,688	13,080	392,116	
September	117,986	2,034	123,036	1,210	66,476	-544	16,094	3,450	1,805	1,203	2,217	13,972	350,122	
October	96,759	1,771	110,005	906	60,571	-443	16,630	3,252	1,843	1,323	1,910	16,380	312,112	
November	87,227	1,710	102,236	902	60,264	-285	19,338	3,418	1,902	1,334	1,730	19,682	300,653	
December	89,495	1,697	109,777	1,110	69,634	-281	23,166	3,587	1,969	1,377	1,570	20,098	324,427	
Total	1,352,398	28,249	1,333,482	13,117	797,178	-5,091	249,800	41,929	21,703	15,918	24,893	190,719	4,077,601	
2016														
January	113,551	2,296	109,787	1,263	72,525	-312	25,426	3,615	1,931	1,471	1,516	18,531	352,745	
February	92,719	2,140	98,190	1,169	65,638	-399	24,150	3,394	1,713	1,372	2,443	20,204	313,749	
March	72,138	1,766	103,791	1,241	66,149	-384	27,025	3,381	1,810	1,460	2,713	21,979	304,168	
April	72,022	1,831	99,561	1,149	62,365	-452	25,475	2,909	1,819	1,340	2,949	20,745	292,836	
May	81,728	1,924	110,901	977	66,576	-321	25,362	3,173	1,929	1,476	3,603	18,795	317,337	
June	116,227	1,945	131,883	1,085	67,175	-497	22,902	3,414	1,829	1,364	3,610	16,318	368,418	
July	136,504	2,318	151,860	1,066	70,349	-784	21,247	3,652	1,910	1,424	4,097	17,595	412,450	
August	135,811	2,360	155,117	1,102	71,526	-902	19,359	3,650	1,908	1,444	3,948	13,561	410,113	
September	114,282	1,924	125,639	1,050	65,448	-715	16,281	3,369	1,763	1,451	3,683	16,430	351,769	
October	99,338	1,552	102,625	891	60,733	-561	17,249	3,105	1,752	1,489	3,193	20,380	312,828	
November	87,000	1,839	94,529	1,001	65,179	-607	18,815	3,257	1,773	1,507	2,700	19,342	297,427	
December	118,790	2,011	96,412	1,007	71,662	-753	22,538	3,584	1,932	1,620	2,299	22,991	345,238	
Total	1,240,108	23,906	1,380,295	13,000	805,327	-6,686	265,829	40,504	22,068	17,417	36,754	226,872	4,079,079	
2017														
January	115,549	2,120	91,325	1,115	73,121	-418	27,704	3,451	1,891	1,541	2,206	20,350	341,072	
February	87,267	1,623	78,581	1,152	64,053	-504	24,611	3,308	1,676	1,369	2,562	21,692	288,414	
March	89,648	1,716	92,638	1,206	65,093	-517	30,198	3,504	1,763	1,533	4,474	25,599	317,934	
April	81,789	1,332	86,234	1,084	56,743	-437	29,236	3,254	1,661	1,503	4,816	25,403	293,679	
May	93,125	1,841	96,354	1,163	61,309	-423	32,122	3,321	1,746	1,422	5,816	22,326	321,202	
June	108,109	1,891	114,215	1,153	67,011	-568	30,674	3,399	1,704	1,387	6,272	19,429	355,774	
6-Month Total	575,487	10,521	559,347	6,873	387,330	-2,867	174,546	20,238	10,440	8,753	26,146	134,799	1,918,074	
2016 6-Month Total	548,384	11,903	654,113	6,882	400,429	-2,364	150,341	19,886	11,031	8,483	16,834	116,573	1,949,253	
2015 6-Month Total	687,162	16,599	608,225	6,558	396,405	-2,399	133,716	20,626	10,273	7,980	12,152	93,831	1,997,752	

^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 distributed (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.