

Table 7.1 Electricity Overview
(Billion Kilowatthours)

	Net Generation ^a				Trade			T&D Losses ^f and Unaccounted for ^g	End Use		
	Electric Power Sector ^b	Com- mercial Sector ^c	Indus- trial Sector ^d	Total	Imports ^e	Exports ^e	Net Imports ^e		Retail Sales ^h	Direct Use ⁱ	Total
1950 Total	329	NA	5	334	2	(s)	2	44	291	NA	291
1955 Total	547	NA	3	550	5	(s)	4	58	497	NA	497
1960 Total	756	NA	4	759	5	1	5	76	688	NA	688
1965 Total	1,055	NA	3	1,058	4	4	(s)	104	954	NA	954
1970 Total	1,532	NA	3	1,535	6	4	2	145	1,392	NA	1,392
1975 Total	1,918	NA	3	1,921	11	5	6	180	1,747	NA	1,747
1980 Total	2,286	NA	3	2,290	25	4	21	216	2,094	NA	2,094
1985 Total	2,470	NA	3	2,473	46	5	41	190	2,324	NA	2,324
1990 Total	2,901	6	^d 131	3,038	18	16	2	203	2,713	125	2,837
1995 Total	3,194	8	151	3,353	43	4	39	229	3,013	151	3,164
2000 Total	3,638	8	157	3,802	49	15	34	244	3,421	171	3,592
2001 Total	3,580	7	149	3,737	39	16	22	202	3,394	163	3,557
2002 Total	3,698	7	153	3,858	37	16	21	248	3,465	166	3,632
2003 Total	3,721	7	155	3,883	30	24	6	228	3,494	168	3,662
2004 Total	3,808	8	154	3,971	34	23	11	266	3,547	168	3,716
2005 Total	3,902	8	145	4,055	44	19	25	269	3,661	150	3,811
2006 Total	3,908	8	148	4,065	43	24	18	266	3,670	147	3,817
2007 Total	4,005	8	143	4,157	51	20	31	298	3,765	126	3,890
2008 Total	3,974	8	137	4,119	57	24	33	286	3,734	132	3,866
2009 Total	3,810	8	132	3,950	52	18	34	261	3,597	127	3,724
2010 Total	3,972	9	144	4,125	45	19	26	264	3,755	132	3,887
2011 Total	3,948	10	142	4,100	52	15	37	255	3,750	133	3,883
2012 Total	3,890	11	146	4,048	59	12	47	263	3,695	138	3,832
2013 Total	3,904	12	150	4,066	69	11	58	256	3,725	143	3,868
2014 Total	3,937	13	144	4,094	67	13	53	244	3,765	139	3,903
2015 Total	3,919	13	146	4,078	76	9	67	244	3,759	141	3,900
2016 January	339	1	12	353	7	(s)	6	26	321	^E 12	333
February	301	1	12	314	5	1	5	11	297	^E 11	308
March	291	1	12	304	6	1	5	12	286	^E 12	297
April	281	1	11	293	5	(s)	4	17	270	^E 11	280
May	304	1	12	317	6	(s)	5	26	285	^E 11	296
June	354	1	12	368	7	1	6	32	330	^E 12	342
July	398	1	13	412	8	1	7	34	372	^E 13	385
August	395	1	13	410	7	1	7	23	381	^E 13	394
September	338	1	12	351	5	1	5	8	337	^E 12	348
October	300	1	12	313	6	(s)	5	10	297	^E 11	308
November	284	1	12	297	6	(s)	6	14	277	^E 11	289
December	332	1	12	345	5	1	5	28	311	^E 12	322
Total	3,918	13	146	4,077	73	6	67	241	3,762	140	3,902
2017 January	330	1	12	343	7	(s)	7	19	318	^E 12	330
February	278	1	11	290	6	1	5	8	276	^E 11	287
March	305	1	12	318	6	1	5	20	291	^E 12	303
April	282	1	11	294	6	1	4	15	273	^E 11	284
May	310	1	12	323	5	1	4	23	292	^E 11	303
June	345	1	12	358	6	1	5	23	329	^E 12	341
July	390	1	13	404	6	1	5	29	368	^E 13	380
August	370	1	13	384	7	1	6	17	360	^E 13	373
September	323	1	11	336	5	1	5	7	322	^E 11	333
October	308	1	12	320	4	1	3	13	300	^E 11	311
November	298	1	12	310	4	1	3	19	283	^E 11	295
December	340	1	13	353	5	1	4	33	312	^E 13	325
Total	3,877	13	144	4,034	66	9	56	226	3,724	141	3,865
2018 January	361	1	13	374	5	1	4	26	340	^E 12	353
February	294	1	11	306	5	1	4	11	288	^E 11	299
March	308	1	12	321	6	1	4	22	292	^E 12	304
April	289	1	11	302	5	2	3	20	274	^E 11	285
May	327	1	12	340	5	1	4	34	298	^E 12	310
June	359	1	12	372	5	1	4	31	333	^E 12	345
July	398	1	13	412	^R 5	1	^R 4	^R 34	370	^E 13	382
August	396	1	13	410	6	1	^R 5	^R 26	376	^E 13	389
September	344	1	12	357	4	1	3	16	332	^E 12	344
9-Month Total	3,076	10	109	3,195	47	11	36	219	2,904	^E 107	3,012
2017 9-Month Total	2,933	10	108	3,050	53	7	46	162	2,829	^E 106	2,934
2016 9-Month Total	3,002	10	110	3,121	55	5	50	188	2,878	^E 106	2,983

^a Electricity net generation at utility-scale facilities. Does not include distributed (small-scale) solar photovoltaic (PV) generation shown on Table 10.6. See Note 1, "Coverage of Electricity Statistics," at end of section.

^b 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. Through 1988, data are for electric utilities only; beginning in 1989, data are for electric utilities and independent power producers.

^c Commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

^d Industrial combined-heat-and-power (CHP) and industrial electricity-only plants. Through 1988, data are for industrial hydroelectric power only.

^e Electricity transmitted across U.S. borders. Net imports equal imports minus exports.

^f Transmission and distribution losses (electricity losses that occur between the point of generation and delivery to the customer). See Note 1, "Electrical System Energy Losses," at end of Section 2.

^g Data collection frame differences and nonsampling error.

^h Electricity retail sales to ultimate customers by electric utilities and, beginning

in 1996, other energy service providers.

ⁱ Use of electricity that is 1) self-generated, 2) produced by either the same entity that consumes the power or an affiliate, and 3) used in direct support of a service or industrial process located within the same facility or group of facilities that house the generating equipment. Direct use is exclusive of station use.

^R=Revised. ^E=Estimate. ^{NA}=Not available. ^(s)=Less than 0.5 billion kilowatthours.

Notes: • See Note 1, "Coverage of Electricity Statistics," and Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of section.

• Data values preceded by "F" are derived from the U.S. Energy Information Administration's Short-Term Integrated Forecasting System. See Note 3, "Electricity Forecast Values," 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: See end of section.