

Table 2.1f Electric Power Sector Energy Consumption, Selected Years, 1949-2008

(Trillion Btu)

Year	Primary Consumption ¹												Electricity Net Imports ⁶	Total Primary
	Fossil Fuels				Nuclear Electric Power	Renewable Energy ²								
	Coal	Natural Gas ³	Petroleum ⁴	Total		Hydroelectric Power ⁵	Geothermal	Solar/PV	Wind	Biomass	Total			
1949	1,995	569	415	2,979	0	1,349	NA	NA	NA	6	1,355	5	4,339	
1950	2,199	651	472	3,322	0	1,346	NA	NA	NA	5	1,351	6	4,679	
1955	3,458	1,194	471	5,123	0	1,322	NA	NA	NA	3	1,325	14	6,461	
1960	4,228	1,785	553	6,565	6	1,569	1	NA	NA	2	1,571	15	8,158	
1965	5,821	2,395	722	8,938	43	2,026	4	NA	NA	3	2,033	(s)	11,014	
1970	7,227	4,054	2,117	13,399	239	2,600	11	NA	NA	4	2,615	7	16,259	
1971	7,299	4,099	2,495	13,893	413	2,790	12	NA	NA	3	2,806	12	17,124	
1972	7,811	4,084	3,097	14,992	584	2,829	31	NA	NA	3	2,864	26	18,466	
1973	8,658	3,748	3,515	15,921	910	2,827	43	NA	NA	3	2,873	49	19,753	
1974	8,534	3,519	3,365	15,418	1,272	3,143	53	NA	NA	3	3,199	43	19,933	
1975	8,786	3,240	3,166	15,191	1,900	3,122	70	NA	NA	2	3,194	21	20,307	
1976	9,720	3,152	3,477	16,349	2,111	2,943	78	NA	NA	3	3,024	29	21,513	
1977	10,262	3,284	3,901	17,446	2,702	2,301	77	NA	NA	5	2,383	59	22,591	
1978	10,238	3,297	3,987	17,522	3,024	2,905	64	NA	NA	3	2,973	67	23,587	
1979	11,260	3,613	3,283	18,156	2,776	2,897	84	NA	NA	5	2,986	69	23,987	
1980	12,123	3,778	2,634	18,534	2,739	2,867	110	NA	NA	5	2,982	71	24,327	
1981	12,583	3,730	2,202	18,516	3,008	2,725	123	NA	NA	4	2,852	113	24,488	
1982	12,582	3,312	1,568	17,462	3,131	3,233	105	NA	NA	3	3,341	100	24,034	
1983	13,213	2,972	1,544	17,729	3,203	3,494	129	NA	(s)	4	3,627	121	24,679	
1984	14,019	3,199	1,286	18,504	3,553	3,353	165	(s)	(s)	9	3,527	135	25,719	
1985	14,542	3,135	1,090	18,767	4,076	2,937	198	(s)	(s)	14	3,150	140	26,132	
1986	14,444	2,670	1,452	18,566	4,380	3,038	219	(s)	(s)	12	3,270	122	26,338	
1987	15,173	2,916	1,257	19,346	4,754	2,602	229	(s)	(s)	15	2,846	158	27,104	
1988	15,850	2,693	1,563	20,106	5,587	2,302	217	(s)	(s)	17	2,536	108	28,338	
1989 ⁷	16,137	3,173	1,703	21,013	5,602	2,808	308	3	22	232	3,372	37	30,025	
1990	16,261	3,309	1,289	20,859	6,104	3,014	326	4	29	317	3,689	8	30,660	
1991	16,250	3,377	1,198	20,825	6,422	2,985	335	5	31	354	3,710	67	31,025	
1992	16,466	3,512	991	20,968	6,479	2,586	338	4	30	402	3,360	87	30,893	
1993	17,196	3,538	1,124	21,857	6,410	2,861	351	5	31	415	3,662	95	32,025	
1994	17,261	3,977	1,059	22,297	6,694	2,620	325	5	36	434	3,420	153	32,563	
1995	17,466	4,302	755	22,523	7,075	3,149	280	5	33	422	3,889	134	33,621	
1996	18,429	3,862	817	23,109	7,087	3,528	300	5	33	438	4,305	137	34,638	
1997	18,905	4,126	927	23,957	6,597	3,581	309	5	34	446	4,375	116	35,045	
1998	19,216	4,675	1,306	25,197	7,068	3,241	311	5	31	444	4,032	88	36,385	
1999	19,279	4,902	1,211	25,393	7,610	3,218	312	5	46	453	4,034	99	37,136	
2000	20,220	5,293	1,144	26,658	7,862	2,768	296	5	57	453	3,579	115	38,214	
2001	19,614	5,458	1,277	26,348	8,033	2,209	289	6	70	337	2,910	75	37,366	
2002	19,783	5,767	961	26,511	8,143	2,650	305	6	105	380	3,445	72	38,171	
2003	20,185	5,246	1,205	26,636	7,959	2,781	303	5	115	397	3,601	22	38,218	
2004	20,305	5,595	1,212	27,112	8,222	2,656	311	6	142	388	3,503	39	38,876	
2005	20,737	6,015	1,235	27,986	8,160	2,670	309	6	178	406	3,568	84	39,799	
2006	20,462	6,375	648	27,485	8,214	2,839	306	5	264	412	3,827	63	39,589	
2007	^R 20,808	^R 7,005	^R 657	^R 28,470	^R 8,458	^R 2,430	^R 308	6	^R 341	^R 423	^R 3,508	107	^R 40,542	
2008 ^P	20,547	6,823	463	27,833	8,455	2,432	312	8	514	423	3,690	112	40,090	

¹ See "Primary Energy Consumption" in Glossary.

² See Table 10.2c for notes on series components.

³ Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 1, "Supplemental Gaseous Fuels," at end of Section 6.

⁴ See Table 5.14c for series components.

⁵ Conventional hydroelectric power.

⁶ Net imports equal imports minus exports.

⁷ Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities and independent power producers.

R=Revised. P=Preliminary. NA=Not available. (s)=Less than 0.5 trillion Btu.

Notes: • Data are for fuels consumed to produce electricity and useful thermal output. • The electric power sector comprises 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. • See Note 3, "Electricity Imports and Exports," at end of Section 8. • Totals may not equal sum of components due to independent rounding.

Web Page: For all data beginning in 1949, see <http://www.eia.doe.gov/emeu/aer/consump.html>.

Sources: Tables 5.14c, 6.5, 7.3, 8.1, 8.2b, 10.2c, A4, A5, and A6.