

**Table 8.9 Electricity End Use, Selected Years, 1949-2011**  
(Billion Kilowatthours)

Year	Retail Sales <sup>1</sup>					Direct Use <sup>6</sup>	Total End Use <sup>7</sup>	Discontinued Retail Sales Series	
	Residential	Commercial <sup>2</sup>	Industrial <sup>3</sup>	Transportation <sup>4</sup>	Total Retail Sales <sup>5</sup>			Commercial (Old) <sup>8</sup>	Other (Old) <sup>9</sup>
1949	67	E59	123	E6	255	NA	255	45	20
1950	72	E66	146	E7	291	NA	291	51	22
1955	128	E103	260	E6	497	NA	497	79	29
1960	201	E159	324	E3	688	NA	688	131	32
1965	291	E231	429	E3	954	NA	954	200	34
1970	466	E352	571	E3	1,392	NA	1,392	307	48
1975	588	E468	688	E3	1,747	NA	1,747	403	68
1976	606	E492	754	E3	1,855	NA	1,855	425	70
1977	645	E514	786	E3	1,948	NA	1,948	447	71
1978	674	E531	809	E3	2,018	NA	2,018	461	73
1979	683	543	842	3	2,071	NA	2,071	473	73
1980	717	559	815	3	2,094	NA	2,094	488	74
1981	722	596	826	3	2,147	NA	2,147	514	85
1982	730	609	745	3	2,086	NA	2,086	526	86
1983	751	620	776	4	2,151	NA	2,151	544	80
1984	780	664	838	4	2,286	NA	2,286	583	85
1985	794	689	837	4	2,324	NA	2,324	606	87
1986	819	715	831	4	2,369	NA	2,369	631	89
1987	850	744	858	5	2,457	NA	2,457	660	88
1988	893	784	896	5	2,578	NA	2,578	699	90
1989	906	811	926	5	2,647	109	2,756	726	90
1990	924	838	946	5	2,713	125	2,837	751	92
1991	955	855	947	5	2,762	124	2,886	766	94
1992	936	850	973	5	2,763	134	2,897	761	93
1993	995	885	977	5	2,861	139	3,001	795	95
1994	1,008	913	1,008	5	2,935	146	3,081	820	98
1995	1,043	953	1,013	5	3,013	151	3,164	863	95
1996	1,083	980	1,034	5	3,101	153	3,254	887	98
1997	1,076	1,027	1,038	5	3,146	156	3,302	929	103
1998	1,130	1,078	1,051	5	3,264	161	3,425	979	104
1999	1,145	1,104	1,058	5	3,312	172	3,484	1,002	107
2000	1,192	1,159	1,064	5	3,421	171	3,592	1,055	109
2001	1,202	1,191	997	6	3,394	163	3,557	1,083	113
2002	1,265	1,205	990	6	3,465	166	3,632	1,104	106
2003	1,276	1,199	1,012	7	3,494	168	3,662	--	--
2004	1,292	1,230	1,018	7	3,547	168	3,716	--	--
2005	1,359	1,275	1,019	8	3,661	150	3,811	--	--
2006	1,352	1,300	1,011	7	3,670	147	3,817	--	--
2007	1,392	1,336	1,028	8	3,765	126	3,890	--	--
2008	1,380	1,336	1,009	8	3,733	132	3,865	--	--
2009	1,364	1,307	917	8	3,597	127	3,724	--	--
2010	R1,446	R1,330	R971	8	R3,754	R132	R3,886	--	--
2011	P1,424	P1,319	P976	P8	P3,726	E130	P3,856	--	--

<sup>1</sup> Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

<sup>2</sup> Commercial sector, including public street and highway lighting, interdepartmental sales, and other sales to public authorities.

<sup>3</sup> Industrial sector. Through 2002, excludes agriculture and irrigation; beginning in 2003, includes agriculture and irrigation.

<sup>4</sup> Transportation sector, including sales to railroads and railways.

<sup>5</sup> The sum of "Residential," "Commercial," "Industrial," and "Transportation."

<sup>6</sup> 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.

<sup>7</sup> The sum of "Total Retail Sales" and "Direct Use."

<sup>8</sup> "Commercial (Old)" is a discontinued series—data are for the commercial sector, excluding public street and highway lighting, interdepartmental sales, and other sales to public authorities.

<sup>9</sup> "Other (Old)" is a discontinued series—data are for public street and highway lighting, interdepartmental sales, other sales to public authorities, agriculture and irrigation, and transportation including railroads and railways.

R=Revised. P=Preliminary. E=Estimate. NA=Not available. -- =Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Web Pages: • See <http://www.eia.gov/totalenergy/data/monthly/#electricity> for updated monthly and

annual data. • See <http://www.eia.gov/totalenergy/data/annual/#electricity> for all annual data beginning in 1949. • See <http://www.eia.gov/electricity/> for related information.

Sources: **Residential and Industrial:** • 1949-September 1977—Federal Power Commission, Form FPC-5, "Monthly Statement of Electric Operating Revenue and Income." • October 1977-February 1980—Federal Energy Regulatory Commission (FERC), Form FPC-5, "Monthly Statement of Electric Operating Revenue and Income." • March 1980-1982—FERC, Form FPC-5, "Electric Utility Company Monthly Statement." • 1983—U.S. Energy Information Administration (EIA), Form EIA-826, "Electric Utility Company Monthly Statement." • 1984-1996—EIA, Form EIA-861, "Annual Electric Utility Report." • 1997 forward—EIA, *Electric Power Monthly (EPM)* (February 2012), Table 5.1. **Commercial:** • 1949-2002—Estimated by EIA as the sum of "Commercial (Old)" and the non-transportation portion of "Other (Old)." See estimation methodology at [http://www.eia.gov/state/seds/sep\\_use/notes/use\\_elec.pdf](http://www.eia.gov/state/seds/sep_use/notes/use_elec.pdf). • 2003 forward—EIA, EPM (February 2012), Table 5.1. **Transportation:** • 1949-2002—Estimated by EIA as the transportation portion of "Other (Old)." See estimation methodology at [http://www.eia.gov/state/seds/sep\\_use/notes/use\\_elec.pdf](http://www.eia.gov/state/seds/sep_use/notes/use_elec.pdf). • 2003 forward—EIA, EPM (February 2012), Table 5.1. **Direct Use:** • 1989-1997—EIA, Form EIA-867, "Annual Nonutility Power Producer Report." • 1998—EIA, Form EIA-860B, "Annual Electric Generator Report—Nonutility." • 1999-2010—EIA, *Electric Power Annual 2010* (November 2011), Table 7.2. • 2011—Estimate based on the 2010 value adjusted by the percentage change in commercial and industrial net generation on Table 8.1. **Commercial (Old) and Other (Old):** • 1949-2002—See sources for "Residential" and "Industrial."