

Table 914. Electric Power Industry—Capability, Peak Load, and Capacity Margin: 1980 to 2008

[558,237 represents 558,237,000 kW. Excludes Alaska and Hawaii. Capability represents the maximum kilowatt output with all power sources available and with hydraulic equipment under actual water conditions, allowing for maintenance, emergency outages, and system operating requirements. Capacity margin is the difference between capability and peak load. Minus sign (–) indicates decrease]

Year	Capability at the time of—				Noncoincident peak load		Capacity margin			
	Summer peak load (1,000 kW)		Winter peak load (1,000 kW)		Summer (1,000 kW)	Winter (1,000 kW)	Summer		Winter	
	Amount	Change from prior year	Amount	Change from prior year			Amount (1,000 kW)	Percent of capability	Amount (1,000 kW)	Percent of capability
1980	558,237	13,731	572,195	17,670	427,058	384,567	131,179	23.5	187,628	32.8
1985	621,597	17,357	636,475	14,350	460,503	423,660	161,094	25.9	212,815	33.4
1988	661,580	13,462	676,940	13,963	529,460	466,533	132,120	20.0	210,407	31.1
1989	673,316	11,736	685,249	8,309	524,110	496,378	149,206	22.2	188,871	27.6
1990	685,091	11,775	696,757	11,508	546,331	484,231	138,760	20.3	212,526	30.5
1991	690,915	5,824	703,212	6,455	551,418	485,761	139,497	20.2	217,451	30.9
1992	695,436	4,521	707,752	4,540	548,707	492,983	146,729	21.1	214,769	30.3
1993	694,250	-1,186	711,957	4,205	575,356	521,733	118,894	17.1	190,224	26.7
1994	702,985	8,735	715,090	3,133	585,320	518,253	117,665	16.7	196,837	27.5
1995	714,222	11,237	727,679	12,589	620,249	544,684	93,973	13.2	182,995	25.1
1996	730,376	16,154	737,637	9,958	616,790	554,081	113,586	15.6	183,556	24.9
1997	737,855	7,479	736,666	-971	637,677	529,874	100,178	13.6	206,792	28.1
1998	744,670	6,815	735,090	-1,576	660,293	567,558	84,377	11.3	167,532	22.8
1999	765,744	21,074	748,271	13,181	682,122	570,915	83,622	10.9	177,356	23.7
2000	808,054	42,310	767,505	19,234	678,413	588,426	129,641	16.0	179,079	23.3
2001	788,990	-19,064	806,598	39,093	687,812	576,312	101,178	12.8	230,286	28.6
2002	833,380	44,390	850,984	44,386	714,565	604,986	118,815	14.3	245,998	28.9
2003	856,131	22,751	882,120	31,136	709,375	593,874	146,756	17.1	288,246	32.7
2004	875,870	19,739	864,849	-17,271	704,459	618,701	171,411	19.6	246,148	28.5
2005	882,125	6,255	878,110	13,261	758,876	626,365	123,249	14.0	251,745	28.7
2006	906,155	24,030	899,551	21,441	789,475	640,981	116,680	12.9	258,570	28.7
2007	915,292	9,137	913,650	14,099	782,227	637,905	133,065	14.5	275,745	30.2
2008 ¹	929,338	14,046	927,781	14,131	789,915	656,989	139,423	15.0	270,792	29.2

¹ Preliminary.

Source: Edison Electric Institute, Washington, DC, *Statistical Yearbook of the Electric Power Industry*, annual.