

Table 907. Electric Power Industry—Capability, Peak Load, and Capacity Margin:1980 to 2007

[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 . . .	724,728	10,506	737,637	9,958	616,790	554,081	107,938	14.9	183,556	24.9
1997 . . .	725,829	1,101	736,666	-971	637,677	529,874	88,152	12.1	206,792	28.1
1998 . . .	724,193	-1,636	735,090	-1,576	660,293	567,558	63,900	8.8	167,532	22.8
1999 . . .	733,481	9,288	748,271	13,181	682,122	570,915	51,359	7.0	177,356	23.7
2000 . . .	750,771	17,290	767,505	19,234	678,413	588,426	72,358	9.6	179,079	23.3
2001 . . .	783,737	32,966	806,598	39,093	687,812	576,312	95,925	12.2	230,286	28.6
2002 . . .	825,145	41,408	850,984	44,386	714,565	604,986	110,580	13.4	245,998	28.9
2003 . . .	853,649	28,504	882,120	31,136	709,375	593,874	144,274	16.9	288,246	32.7
2004 . . .	878,830	25,181	864,849	-17,271	704,459	618,701	174,371	19.8	246,148	28.5
2005 . . .	865,095	-13,735	878,110	13,261	758,876	626,365	106,219	12.3	251,745	28.7
2006 . . .	872,307	7,212	899,551	21,441	789,475	640,981	82,832	9.5	258,570	28.7
2007 ¹ . . .	883,507	11,200	914,433	14,882	785,930	651,386	97,577	11.0	263,047	28.8

¹ Preliminary.

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