

Table 8.12 Electric Noncoincident Peak Load and Capacity Margin, 1986-2003

(Megawatts, Except as Noted)

Year	Noncoincident Peak Load														Capacity Margin ³ (percent)
	North American Electric Reliability Council Regions ¹										Contiguous United States	ASCC (Alaska)	Hawaii	U.S. Total	
	ECAR	ERCOT	FRCC	MAAC	MAIN	MAPP (U.S.)	NPCC (U.S.)	SERC	SPP	WECC ² (U.S.)					
Summer															
1986	69,606	39,335	—	37,564	35,943	21,029	39,026	105,570	47,123	81,787	476,983	(⁴)	(⁵)	476,983	NA
1987	72,561	39,339	—	40,526	37,446	23,162	42,651	109,798	47,723	82,967	496,173	(⁴)	(⁵)	496,173	NA
1988	79,149	40,843	—	43,110	41,139	24,899	45,245	115,168	49,356	90,551	529,460	(⁴)	(⁵)	529,460	NA
1989	75,442	40,402	—	41,614	39,460	24,336	45,031	117,729	49,439	90,657	524,110	456	(⁵)	524,566	NA
1990	79,258	42,737	—	42,613	40,740	24,994	44,116	121,943	52,541	97,389	546,331	463	(⁵)	546,794	21.6
1991	81,224	41,870	—	45,937	41,598	25,498	46,594	124,716	51,885	92,096	551,418	471	(⁵)	551,889	20.9
1992	78,550	42,619	—	43,658	38,819	22,638	43,658	128,236	51,324	99,205	548,707	504	(⁵)	549,211	20.5
1993	80,930	44,255	—	46,494	41,956	24,396	46,706	135,704	57,106	97,809	575,356	511	(⁵)	575,867	19.9
1994	87,165	44,162	—	46,019	42,562	27,000	47,581	132,584	56,035	102,212	585,320	524	(⁵)	585,844	18.7
1995	92,619	46,618	—	48,577	45,782	29,192	47,705	146,569	59,595	103,592	620,249	622	(⁵)	620,871	18.9
1996	90,798	47,480	—	44,302	46,402	28,253	45,094	145,650	60,072	108,739	616,790	(⁵)	(⁵)	616,790	17.5
1997	93,492	50,541	35,375	49,464	45,887	29,787	49,269	137,382	36,479	110,001	637,677	(⁵)	(⁵)	637,677	16.2
1998	93,784	54,666	38,730	48,445	47,509	30,722	49,566	143,226	37,724	115,921	660,293	(⁵)	(⁵)	660,293	14.3
1999	99,239	55,529	37,493	51,645	51,535	31,903	52,855	149,685	38,609	113,629	682,122	(⁵)	(⁵)	682,122	14.6
2000	92,033	57,606	37,194	49,477	52,552	28,605	50,057	156,088	40,199	114,602	678,413	(⁵)	(⁵)	678,413	15.7
2001	100,235	55,201	39,062	54,015	56,344	28,321	55,949	149,293	40,273	109,119	687,812	(⁵)	(⁵)	687,812	14.5
2002	^R 102,996	^R 56,248	^R 40,696	^R 55,569	^R 56,396	^R 29,119	^R 56,012	^R 158,767	^R 39,688	^R 119,074	^R 714,565	(⁵)	(⁵)	^R 714,565	^R 16.4
2003 ^F	100,714	57,639	41,618	56,257	57,169	29,957	56,550	157,864	40,564	119,320	717,652	(⁵)	(⁵)	717,652	19.8
Winter															
1986	64,561	28,730	—	32,807	28,036	18,850	37,976	101,849	33,877	76,171	422,857	(⁴)	(⁵)	422,857	NA
1987	68,118	31,399	—	35,775	30,606	19,335	41,902	105,476	34,472	81,182	448,265	(⁴)	(⁵)	448,265	NA
1988	67,771	34,621	—	36,363	30,631	20,162	42,951	108,649	35,649	82,937	459,734	(⁴)	(⁵)	459,734	NA
1989	73,080	38,388	—	38,161	33,770	21,360	42,588	121,995	42,268	84,768	496,378	626	(⁵)	497,004	NA
1990	67,097	35,815	—	36,551	32,461	21,113	40,545	117,448	38,949	94,252	484,231	613	(⁵)	484,844	NA
1991	71,181	35,448	—	37,983	33,420	21,432	41,866	119,575	38,759	86,097	485,761	622	(⁵)	486,383	NA
1992	72,885	35,055	—	37,915	31,289	21,866	41,125	121,250	39,912	91,686	492,983	635	(⁵)	493,618	NA
1993	81,846	35,407	—	41,406	34,966	21,955	42,063	133,635	41,644	88,811	521,733	632	(⁵)	522,365	NA
1994	75,638	36,180	—	40,653	33,999	23,033	42,547	132,661	42,505	91,037	518,253	641	(⁵)	518,894	NA
1995	83,465	36,965	—	40,790	35,734	23,429	42,755	142,032	44,624	94,890	544,684	676	(⁵)	545,360	NA
1996	84,534	38,868	—	40,468	37,162	24,251	41,208	143,060	49,095	95,435	554,081	(⁵)	(⁵)	554,081	27.7
1997	75,670	37,966	33,076	37,217	34,973	25,390	41,338	122,649	27,437	94,158	529,874	(⁵)	(⁵)	529,874	26.0
1998	84,401	41,876	39,975	36,532	37,410	26,080	44,199	127,416	27,847	101,822	567,558	(⁵)	(⁵)	567,558	25.7
1999	86,239	39,164	40,178	40,220	39,081	25,200	45,227	128,563	27,963	99,080	570,915	(⁵)	(⁵)	570,915	26.7
2000	84,546	44,641	38,606	43,256	41,943	24,536	43,852	139,146	30,576	97,324	588,426	(⁵)	(⁵)	588,426	29.5
2001	85,485	44,015	40,922	39,458	40,529	21,815	42,670	135,182	29,614	96,622	576,312	(⁵)	(⁵)	576,312	28.9
2002	^R 87,300	^R 45,414	^R 45,635	^R 46,551	^R 42,412	^R 23,645	^R 46,009	^R 141,882	^R 30,187	^R 95,951	^R 604,986	(⁵)	(⁵)	^R 604,986	^R 29.4
2003 ^F	86,120	46,538	44,266	44,748	42,332	24,148	46,903	138,291	29,891	105,492	608,729	(⁵)	(⁵)	608,729	32.8

¹ See Glossary for information on the North American Electric Reliability Council (NERC) Regions. Data include the U.S. portion of NERC only. See Figure 8.12 for an illustration of NERC regions.

² WECC was renamed from WSCC in 2002.

³ The percent by which planned generating capacity resources are expected to be greater (or less) than estimated net internal demand at the time of expected peak summer (or winter) demand. Net internal demand does not include estimated demand for direct control load management and customers with interruptible service agreements. Data are for the contiguous United States only.

⁴ Data submission for ASCC (Alaska) began in 1989.

⁵ Data were not filed.

R=Revised. F=Forecast. NA=Not available. — = Not applicable.

Note: Noncoincident peak load is the sum of two or more peak loads on individual systems that do not occur at the same time interval.

Web Page: For related information, see <http://www.eia.doe.gov/fuelelectric.html>.

Sources: Energy Information Administration (EIA), *Electric Power Annual 2002* (December 2003), Tables 3.1-3.4; and EIA, Form EIA-411, "Coordinated Bulk Power Supply Program Report" and predecessor forms.