

Table 8.12 Electric Noncoincident Peak Load and Capacity Margin, 1986-2008
(Megawatts, Except as Noted)

Year	Noncoincident Peak Load ¹															Capacity Margin ⁷ (percent)
	North American Electric Reliability Council Regions ²											Contiguous United States	ASCC (Alaska)	Hawaii	U.S. Total	
	ECAR ³	ERCOT	FRCC	MAAC ³	MAIN ³	MRO ⁴ (U.S.)	NPPC (U.S.)	RFC ⁵	SERC	SPP	WECC ⁶ (U.S.)					
Summer ⁸																
1986	69,606	39,335	--	37,564	35,943	21,029	39,026	--	105,570	47,123	81,787	476,983	--	--	476,983	NA
1987	72,561	39,339	--	40,526	37,446	23,162	42,651	--	109,798	47,723	82,967	496,173	--	--	496,173	NA
1988	79,149	40,843	--	43,110	41,139	24,899	45,245	--	115,168	49,356	90,551	529,460	--	--	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	--	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	--	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	--	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	--	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	--	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	--	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	--	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	--	--	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	--	--	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	--	--	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	--	--	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	--	--	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	--	--	687,812	14.5
2002	102,996	56,248	40,696	55,569	56,396	29,119	56,012	--	158,767	39,688	119,074	714,565	--	--	714,565	16.4
2003	98,487	59,996	40,475	53,566	56,988	28,831	55,018	--	153,110	40,367	122,537	709,375	--	--	709,375	18.6
2004	95,300	58,531	42,383	52,049	53,439	29,351	52,549	--	157,615	40,106	123,136	704,459	--	--	704,459	20.9
2005	--	60,210	46,396	--	--	39,918	58,960	190,200	190,705	41,727	130,760	758,876	--	--	758,876	15.4
2006	--	62,339	45,751	--	--	42,194	63,241	191,920	199,052	42,882	142,096	789,475	--	--	789,475	16.1
2007	--	^R 62,188	^R 46,676	--	--	^R 41,684	^R 58,314	^R 181,700	^R 209,109	^R 43,167	^R 139,389	^R 782,227	--	--	^R 782,227	^R 16.5
2008 ^F	--	64,927	47,364	--	--	41,222	61,779	184,000	204,791	43,800	142,032	789,915	--	--	789,915	16.1
Winter ⁹																
1986	64,561	28,730	--	32,807	28,036	18,850	37,976	--	101,849	33,877	76,171	422,857	--	--	422,857	NA
1987	68,118	31,399	--	35,775	30,606	19,335	41,902	--	105,476	34,472	81,182	448,265	--	--	448,265	NA
1988	67,771	34,621	--	36,363	30,631	20,162	42,951	--	108,649	35,649	82,937	459,734	--	--	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	--	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	--	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	--	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	--	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	--	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	--	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	--	545,360	NA
1996	84,534	38,868	--	40,468	37,162	24,251	41,208	--	143,060	49,095	95,435	554,081	--	--	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	--	--	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	--	--	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	--	--	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	--	--	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	--	--	576,312	28.9
2002	87,300	45,414	45,635	46,551	42,412	23,645	46,009	--	141,882	30,187	95,951	604,986	--	--	604,986	29.4
2003	86,332	42,702	36,841	45,625	41,719	24,134	48,079	--	137,972	28,450	102,020	593,874	--	--	593,874	33.5
2004	91,800	44,010	44,839	45,905	42,929	24,526	48,176	--	144,337	29,490	102,689	618,701	--	--	618,701	31.6
2005	--	48,141	42,657	--	--	33,748	46,828	151,600	164,638	31,260	107,493	626,365	--	--	626,365	30.2
2006	--	50,402	42,526	--	--	34,677	46,697	149,631	175,163	30,792	111,093	640,981	--	--	640,981	30.9
2007	--	^R 50,408	^R 41,701	--	--	^R 33,191	^R 46,795	^R 141,900	^R 179,888	^R 31,322	^R 112,700	^R 637,905	--	--	^R 637,905	^R 30.4
2008 ^F	--	47,270	49,601	--	--	34,100	48,323	147,100	182,055	31,954	116,586	656,989	--	--	656,989	30.2

¹ Noncoincident peak load is the sum of two or more peak loads on individual systems that do not occur at the same time interval.

² See "North American Electric Reliability Council (NERC)" in Glossary. Data include the U.S. portion of NERC only. See Figure 8.12 for an illustration of NERC regions.

³ ECAR, MAAC, and MAIN dissolved at the end of 2005. Utility members joined other reliability regional councils.

⁴ MRO was renamed from MAPP in 2004.

⁵ ReliabilityFirst Corporation (RFC) came into existence on January 1, 2006. Many of the former utility members of ECAR, MAAC, and MAIN joined RFC.

⁶ WECC was renamed from WSCC in 2002.

⁷ 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.

⁸ The summer peak period is June through September.

⁹ The winter peak period is December through February of the following year.

R=Revised. F=Forecast. NA=Not available. --=Not applicable. --=No data reported.

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

Sources: Energy Information Administration (EIA), *Electric Power Annual 2007* (January 2009), Tables 3.1-3.4; and EIA, Form EIA-411, "Coordinated Bulk Power Supply Program Report," and predecessor forms.