

Table 8.12b Electric Noncoincident Peak Load and Capacity Margin: Winter Peak Period, 1986-2011
(Megawatts, Except as Noted)

Year	Noncoincident Peak Load ¹ by North American Electric Reliability Corporation (NERC) ² Regional Assessment Area																Capacity Margin ²¹ (percent)
	Eastern Interconnection													ERCOT ⁴	Western Inter-connection	All Inter-connections	
	FRCC ⁵	NPCC ⁶	Balance of Eastern Region ³										TRE ¹⁸				
		ECAR ^{7,8}	MAAC ^{8,9}	MAIN ^{8,10}	MAPP ¹¹	MISO ¹²	MRO ¹³	PJM ¹⁴	RFC ^{8,15}	SERC ¹⁶	SPP ¹⁷	Subtotal					
1986	--	37,976	64,561	32,807	28,036	--	--	18,850	--	--	101,849	33,877	279,980	28,730	76,171	422,857	NA
1987	--	41,902	68,118	35,775	30,606	--	--	19,335	--	--	105,476	34,472	293,782	31,399	81,182	448,265	NA
1988	--	42,951	67,771	36,363	30,631	--	--	20,162	--	--	108,649	35,649	299,225	34,621	82,937	459,734	NA
1989	--	42,588	73,080	38,161	33,770	--	--	21,360	--	--	121,995	42,268	330,634	38,388	84,768	496,378	NA
1990	--	40,545	67,097	36,551	32,461	--	--	21,113	--	--	117,448	38,949	313,619	35,815	94,252	484,231	NA
1991	--	41,866	71,181	37,983	33,420	--	--	21,432	--	--	119,575	38,759	322,350	35,448	86,097	485,761	NA
1992	--	41,125	72,885	37,915	31,289	--	--	21,866	--	--	121,250	39,912	325,117	35,055	91,686	492,983	NA
1993	--	42,063	81,846	41,406	34,966	--	--	21,955	--	--	133,635	41,644	355,452	35,407	88,811	521,733	NA
1994	--	42,547	75,638	40,653	33,999	--	--	23,033	--	--	132,661	42,505	348,489	36,180	91,037	518,253	NA
1995	--	42,755	83,465	40,790	35,734	--	--	23,429	--	--	142,032	44,624	370,074	36,965	94,890	544,684	NA
1996	--	41,208	84,534	40,468	37,162	--	--	24,251	--	--	143,060	49,095	378,570	38,868	95,435	554,081	27.7
1997	33,076	41,338	75,670	37,217	34,973	--	--	25,390	--	--	122,649	27,437	323,336	37,966	94,158	529,874	26.0
1998	39,975	44,199	84,401	36,532	37,410	--	--	26,080	--	--	127,416	27,847	339,686	41,876	101,822	567,558	25.7
1999	40,178	45,227	86,239	40,220	39,081	--	--	25,200	--	--	128,563	27,963	347,266	39,164	99,080	570,915	26.7
2000	38,606	43,852	84,546	43,256	41,943	--	--	24,536	--	--	139,146	30,576	364,003	44,641	97,324	588,426	29.5
2001	40,922	42,670	85,485	39,458	40,529	--	--	21,815	--	--	135,182	29,614	352,083	44,015	96,622	576,312	28.9
2002	45,635	46,009	87,300	46,551	42,412	--	--	23,645	--	--	141,882	30,187	371,977	45,414	95,951	604,986	29.4
2003	36,841	48,079	86,332	45,625	41,719	--	--	24,134	--	--	137,972	28,450	364,232	42,702	102,020	593,874	33.5
2004	44,839	48,176	91,800	45,905	42,929	--	--	24,526	--	--	144,337	29,490	378,987	44,010	102,689	618,701	31.6
2005	42,657	46,828	--	--	--	--	--	33,748	--	151,600	164,638	31,260	381,246	48,141	107,493	626,365	30.2
2006	42,526	46,697	--	--	--	--	--	34,677	--	149,631	175,163	30,792	390,263	50,402	111,093	640,981	30.9
2007	41,701	46,795	--	--	--	--	--	33,191	--	141,900	179,888	31,322	386,301	50,408	112,700	637,905	30.4
2008	45,275	46,043	--	--	--	--	--	36,029	--	142,395	179,596	32,809	390,829	47,806	113,605	643,557	31.0
2009	53,022	44,864	--	--	--	--	--	35,351	--	143,827	193,135	32,863	405,176	56,191	109,565	668,818	28.5
2010	^R 46,135	^R 45,712	--	--	--	5,069	86,728	^R --	115,535	^R --	^R 152,030	^R 41,226	400,589	^R 57,315	^R 101,668	^R 651,418	^R 33.7
2011 ^F	47,613	46,788	--	--	--	5,118	79,052	--	130,711	--	154,150	41,138	410,168	51,642	106,717	662,928	33.1

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. Peak load represents one hour of a day during the associated peak period. See "Noncoincident Peak Load" in Glossary.

² See "North American Electric Reliability Corporation (NERC)" in Glossary. Data include the U.S. portion of NERC only.

³ Historically, the MRO, RFC, SERC, and SPP regional boundaries were altered as utilities changed reliability organizations. The historical data series for these regions have not been adjusted. Instead, the "Balance of Eastern Region" category was introduced to provide a consistent trend of the Eastern Interconnection.

⁴ Electric Reliability Council of Texas (ERCOT).

⁵ Florida Reliability Coordinating Council (FRCC).

⁶ Northeast Power Coordinating Council (NPCC).

⁷ East Central Area Reliability Coordination Agreement (ECAR).

⁸ ECAR, MAAC, and MAIN dissolved at the end of 2005. Many of the former utility members joined RFC, which came into existence on January 1, 2006. RFC submitted a consolidated filing covering the historical NERC regions of ECAR, MAAC, and MAIN.

⁹ Mid-Atlantic Area Council (MAAC).

¹⁰ Mid-America Interconnected Network (MAIN).

¹¹ Mid-Continent Area Power Pool (MAPP).

¹² Midwest Independent Transmission System Operator (MISO).

¹³ Midwest Reliability Organization (MRO).

¹⁴ PJM Interconnection (PJM).

¹⁵ ReliabilityFirst Corporation (RFC).

¹⁶ SERC Reliability Corporation (SERC).

¹⁷ Southwest Power Pool (SPP).

¹⁸ Texas Reliability Entity (TRE).

¹⁹ Western Electricity Coordinating Council (WECC).

²⁰ United States excluding Alaska and Hawaii.

²¹ Capacity margin is the amount of unused available capability of an electric power system at peak load as a percentage of capacity resources. Data are for the United States excluding Alaska and Hawaii.

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

Notes: • The winter peak period is October through May of the following year. In this table, data years correspond to the beginning of the winter peak period; for example, data year 2011 represents October 2011–May 2012. • Totals may not equal sum of components due to independent rounding.

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

Sources: U.S. Energy Information Administration (EIA), *Electric Power Annual 2010* (November 2011), Tables 4.1.A., 4.1.B., 4.4.A., and 4.4.B.; and EIA, Form EIA-411, "Coordinated Bulk Power Supply and Demand Program Report," and predecessor forms.