

Table 8.12a Electric Noncoincident Peak Load and Capacity Margin: Summer 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	--	39,026	69,606	37,564	35,943	--	--	21,029	--	--	105,570	47,123	316,835	39,335	81,787	476,983	NA
1987	--	42,651	72,561	40,526	37,446	--	--	23,162	--	--	109,798	47,723	331,216	39,339	82,967	496,173	NA
1988	--	45,245	79,149	43,110	41,139	--	--	24,899	--	--	115,168	49,356	352,821	40,843	90,551	529,460	NA
1989	--	45,031	75,442	41,614	39,460	--	--	24,336	--	--	117,729	49,439	348,020	40,402	90,657	524,110	NA
1990	--	44,116	79,258	42,613	40,740	--	--	24,994	--	--	121,943	52,541	362,089	42,737	97,389	546,331	21.6
1991	--	46,594	81,224	45,937	41,598	--	--	25,498	--	--	124,716	51,885	370,858	41,870	92,096	551,418	20.9
1992	--	43,658	78,550	43,658	38,819	--	--	22,638	--	--	128,236	51,324	363,225	42,619	99,205	548,707	20.5
1993	--	46,706	80,930	46,494	41,956	--	--	24,396	--	--	135,704	57,106	386,586	44,255	97,809	575,356	19.9
1994	--	47,581	87,165	46,019	42,562	--	--	27,000	--	--	132,584	56,035	391,365	44,162	102,212	585,320	18.7
1995	--	47,705	92,619	48,577	45,782	--	--	29,192	--	--	146,569	59,595	422,334	46,618	103,592	620,249	18.9
1996	--	45,094	90,798	44,302	46,402	--	--	28,253	--	--	145,650	60,072	415,477	47,480	108,739	616,790	17.5
1997	35,375	49,269	93,492	49,464	45,887	--	--	29,787	--	--	137,382	36,479	392,491	50,541	110,001	637,677	16.2
1998	38,730	49,566	93,784	48,445	47,509	--	--	30,722	--	--	143,226	37,724	401,410	54,666	115,921	660,293	14.3
1999	37,493	52,855	99,239	51,645	51,535	--	--	31,903	--	--	149,685	38,609	422,616	55,529	113,629	682,122	14.6
2000	37,194	50,057	92,033	49,477	52,552	--	--	28,605	--	--	156,088	40,199	418,954	57,606	114,602	678,413	15.7
2001	39,062	55,949	100,235	54,015	56,344	--	--	28,321	--	--	149,293	40,273	428,481	55,201	109,119	687,812	14.5
2002	40,696	56,012	102,996	55,569	56,396	--	--	29,119	--	--	158,767	39,688	442,535	56,248	119,074	714,565	16.4
2003	40,475	55,018	98,487	53,566	56,988	--	--	28,831	--	--	153,110	40,367	431,349	59,996	122,537	709,375	18.6
2004	42,383	52,549	95,300	52,049	53,439	--	--	29,351	--	--	157,615	40,106	427,860	58,531	123,136	704,459	20.9
2005	46,396	58,960	--	--	--	--	--	39,918	--	190,200	190,705	41,727	462,550	60,210	130,760	758,876	15.4
2006	45,751	63,241	--	--	--	--	--	42,194	--	191,920	199,052	42,882	476,048	62,339	142,096	789,475	12.9
2007	46,676	58,314	--	--	--	--	--	41,684	--	181,700	209,109	43,167	475,660	62,188	139,389	782,227	16.1
2008	44,836	58,543	--	--	--	--	--	39,677	--	169,155	199,779	43,476	452,087	62,174	134,829	752,470	18.2
2009	46,550	55,944	--	--	--	--	--	37,963	--	161,241	191,032	41,465	431,701	63,518	128,245	725,958	22.2
2010	^R 45,722	^R 60,554	--	--	--	4,598	108,346	^R --	136,465	^R --	^R 164,058	^R 53,077	466,543	^R 65,776	^R 129,352	^R 767,948	^R 19.1
2011 ^F	46,091	60,262	--	--	--	4,810	98,068	--	148,941	--	164,510	53,084	469,412	63,770	130,962	770,497	22.2

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. 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 summer peak period is June through September. • 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., 4.3.A., and 4.3.B.; and EIA, Form EIA-411, "Coordinated Bulk Power Supply and Demand Program Report," and predecessor forms.