

Table 2. Noncoincident peak load, by North American Electric Reliability Corporation Assessment Area, 1990-2011 actual, 2012-2016 projected

megawatts

Interconnection	NERC Regional Assesment Area	Summer																											
		Actual																				Projected							
		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012E	2013E	2014E	2015E	2016E	
	FRCC	27,266	28,818	30,601	32,823	32,904	34,524	35,444	35,375	38,730	37,493	37,194	39,062	40,696	40,475	42,383	46,396	45,751	46,676	44,836	46,550	45,722	44,968	45,613	46,270	46,857	47,758	48,594	
	NPCC	44,116	46,594	43,658	46,706	47,581	47,705	45,094	49,269	49,566	52,855	50,057	55,949	56,012	55,018	52,549	58,960	63,241	58,314	58,543	55,944	60,554	63,390	60,735	61,461	62,189	62,991	63,745	
	Balance of Eastern Region	334,823	342,110	332,624	353,763	358,461	387,810	380,033	392,491	401,410	422,616	418,954	428,481	442,535	431,349	427,860	462,550	476,048	475,660	452,087	431,701	466,543	486,131	469,943	475,911	484,823	491,292	497,704	
	ECAR	79,258	81,224	78,550	80,533	87,165	92,619	90,798	93,492	93,784	99,239	92,033	100,235	102,996	98,487	95,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	MAAC	42,613	45,937	43,658	46,494	46,019	48,577	44,302	49,464	48,445	51,645	49,477	54,015	55,569	53,566	52,049	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	MAIN	40,740	41,598	38,819	41,956	42,562	45,782	46,402	45,887	47,509	51,535	52,552	56,344	56,396	56,988	53,439	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	MAPP	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,598	4,726	4,790	4,995	5,117	5,230	5,503	
	MISO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	108,346	102,819	94,279	94,279	96,129	96,929	97,811	
	MRO	24,994	25,498	22,638	24,396	27,000	29,192	28,253	29,787	30,722	31,903	28,605	28,321	29,119	28,831	29,351	39,918	42,194	41,684	39,677	37,963	NA	NA	NA	NA	NA	NA	NA	
	PJM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	136,465	158,043	153,782	156,254	159,842	163,168	165,691	
	RFC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190,200	191,920	181,700	169,155	161,241	NA	NA	NA	NA	NA	NA	NA	
	SERC	94,677	95,968	97,635	103,278	99,680	112,045	110,206	137,382	143,226	149,685	156,088	149,293	158,767	153,110	157,615	190,705	199,052	209,109	199,779	191,032	164,058	164,726	162,655	165,203	168,003	170,199	172,336	
Eastern Interconnection	SPP	52,541	51,885	51,324	57,106	56,035	59,595	60,072	36,479	37,724	38,609	40,199	40,273	39,688	40,367	40,106	41,727	42,882	43,167	43,476	41,465	53,077	55,817	54,436	55,180	55,732	55,766	56,364	
ERCOT	TRE	42,737	41,870	42,619	44,255	44,162	46,618	47,480	50,541	54,666	55,529	57,606	55,201	56,248	59,996	58,531	60,210	62,339	62,188	62,174	63,518	65,776	68,416	66,076	66,928	69,721	73,054	75,366	
Western Interconnection	WECC	97,389	92,026	99,205	97,809	102,212	103,592	108,739	110,001	115,921	113,629	114,602	109,119	119,074	122,537	123,136	130,760	142,096	139,389	134,829	128,245	129,352	119,565	140,739	130,223	131,129	132,917	137,984	
All Interconnections	Contiguous U.S.	546,331	551,418	548,707	575,356	585,320	620,249	616,790	637,677	660,293	682,122	678,413	687,812	714,565	709,375	704,459	758,876	789,475	782,227	752,470	725,958	767,948	782,469	783,106	780,793	794,719	808,012	823,393	

Interconnection	NERC Regional Assesment Area	Winter																											
		Actual																				Projected							
		1990/ 1991	1991/ 1992	1992/ 1993	1993/ 1994	1994/ 1995	1995/ 1996	1996/ 1997	1997/ 1998	1998/ 1999	1999/ 2000	2000/ 2001	2001/ 2002	2002/ 2003	2003/ 2004	2004/ 2005	2005/ 2006	2006/ 2007	2007/ 2008	2008/ 2009	2009/ 2010	2010/ 2011	2011/ 2012	2012/ 2013E	2013/ 2014E	2014/ 2014E	2015/ 2016E	2016/ 2017E	
Eastern Interconnection	FRCC	30,800	31,153	30,616	32,499	35,854	37,491	37,806	33,076	39,975	40,178	38,606	40,922	45,635	36,841	44,839	42,657	42,526	41,701	45,275	53,022	46,135	40,117	46,864	46,367	47,568	48,172	48,797	
	NPCC	40,545	41,866	41,125	42,063	42,547	42,755	41,208	41,338	44,199	45,227	43,852	42,670	46,009	48,079	48,176	46,828	46,697	46,795	46,043	44,864	45,712	45,234	47,187	47,439	47,669	47,878	48,109	
	Balance of Eastern Region	282,819	291,197	292,085	322,953	312,635	332,583	340,764	323,336	339,686	347,266	364,003	352,083	371,977	364,232	378,987	381,246	390,263	386,301	390,829	405,176	400,589	404,280	404,781	408,000	418,739	423,670	429,389	
	ECAR	67,097	71,181	72,885	81,846	75,638	83,465	84,534	75,670	84,401	86,239	84,546	85,485	87,300	86,332	91,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	MAAC	36,551	37,983	37,915	41,406	40,653	40,790	40,468	37,217	36,532	40,220	43,256	39,458	46,551	45,625	45,905	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	MAIN	32,461	33,420	31,289	34,966	33,999	35,734	37,162	34,973	37,410	39,081	41,943	40,529	42,412	41,719	42,929	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	MAPP	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5,069	4,803	5,133	5,228	5,374	5,454	5,720	
	MISO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	86,728	86,844	75,085	72,572	78,143	78,773	79,521	
	MRO	21,113	21,432	21,866	21,955	23,033	23,429	24,251	25,390	26,080	25,200	24,536	21,815	23,645	24,134	24,526	33,748	34,677	33,191	36,029	35,351	NA	NA	NA	NA	NA	NA	NA	
	PJM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	115,535	122,563	130,222	132,160	134,771	136,911	138,567	
	RFC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	151,600	149,631	141,900	142,395	143,827	NA	NA	NA	NA	NA	NA	NA	
	SERC	86,648	88,422	88,218	101,136	96,807	104,541	105,254	122,649	127,416	128,563	139,146	135,182	141,882	137,972	144,337	164,638	175,163	179,888	179,596	193,135	152,030	150,850	154,027	156,326	158,442	160,492	162,937	
	SPP	38,949	38,759	39,912	41,644	42,505	44,624	49,095	27,437	27,847	27,963	30,576	29,614	30,187	28,450	29,490	31,260	30,792	31,322	32,809	32,863	41,226	39,220	40,315	41,714	42,010	42,040	42,644	
ERCOT	TRE	35,815	35,448	35,055	35,407	36,180	36,965	38,868	37,966	41,876	39,164	44,641	44,015	45,414	42,702	44,010	48,141	50,402	50,408	47,806	56,191	57,315	50,100	52,909	51,734	52,063	54,972	56,028	
Western Interconnection	WECC	94,252	86,097	91,686	88,811	91,037	94,890	95,435	94,158	101,822	99,080	97,324	96,622	95,951	102,020	102,689	107,493	111,093	112,700	113,605	109,565	101,668	108,459	111,889	110,047	111,994	113,622	114,492	
All Grids	Contiguous U.S.	484,231	485,761	492,983	521,733	518,253	544,684	554,081	529,874	567,558	570,915	588,426	576,312	604,986	593,874	618,701	626,365	640,981	637,905	643,557	668,818	651,418	648,190	663,630	663,587	678,034	688,313	696,815	

Notes: • NERC region and reliability assessment area maps are provided on EIA's Electricity Reliability web page: <http://www.eia.gov/electricity/data/eia411/>

• Projected data are updated annually.

• Peak load represents an hour of a day during the associated peak period.

• The Summer peak period begins on June1 and extends through September 30. • The Winter peak period begins October 1 and extends through May 31.

• 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 to provide a consistent trend of the Eastern interconnection.

• ECAR, MAAC, and MAIN dissolved at the end-of-2005. Many of the former utility members joined RFC. Reliability First Corporation (RFC) came into existence on January 1, 2006. RFC submitted a consolidated filing covering the historical NERC regions of ECAR, MAAC, and MAIN.

• E - Estimate; NA - Not Available

Source: U.S. Energy Information Administration, Form EIA-411, "Coordinated Bulk Power Supply and Demand Program Report."