Released: April 2016

Next Update: November 2016

Table 3A.1. January monthly peak hour demand, by North American Electric Reliability Corporation Assesment Area, 1996-2014 actual

megawatts

NERC Regional Assesment

January Area

											Act	tual								
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	39,860	37,127	27,122	38,581	37,521	40,258	39,675	45,033	35,545	41,247	34,464	38,352	41,705	44,945	53,093	46,086	38,518	36,733	38,895
	NPCC	41,680	41,208	40,009	44,199	45,227	43,553	42,039	45,987	66,215	47,041	43,661	45,002	46,803	45,047	43,849	45,395	43,827	45,545	47,072
	Balance of																			
	Eastern Region	322,095	335,954	307,784	343,981	347,724	349,937	340,525	377,419	371,550	381,698	347,411	372,213	390,909	398,854	400,873	396,044	351,439	370,441	429,184
	ECAR	78,358	83,597	76,492	83,849	83,670	82,378	79,963	86,339	86,854	NA									
	MAAC	38,161	40,522	36,532	40,220	42,442	41,142	39,458	46,239	45,625	NA									
	MAIN	36,328	36,976	35,928	37,442	39,238	39,491	38,841	42,287	42,231	NA									
	MAPP	NA	5,109	4,714	5,134	4,810	5,221													
	MISO	NA	85,265	85,090	70,600	93,798	107,927													
	MRO	23,387	24,434	24,687	25,200	22,995	21,815	22,024	23,396	23,984	32,236	37,056	32,132	34,462	34,779	NA	NA	NA	NA	NA
	PJM	NA	109,179	110,511	122,565	126,725	140,510													
	RFC	NA	154,200	149,252	138,300	142,395	146,139	NA	NA	NA	NA	NA								
	SERC	99,060	123,494	109,832	130,513	132,964	137,072	131,754	150,308	143,846	166,190	134,239	171,640	182,758	186,066	158,825	154,938	119,298	109,791	137,681
Eastern Interconnection	SPP	46,801	26,931	24,313	26,757	26,415	28,039	28,485	28,850	29,010	29,072	26,864	30,141	31,294	31,870	42,496	40,791	33,842	35,317	37,845
ERCOT	TRE	36,818	41,280	35,906	39,537	39,075	42,995	43,901	45,433	42,698	40,966	38,604	50,404	46,099	46,166	55,878	51,463	46,908	50,665	57,256
Western Interconnection	WECC	95,306	95,886	95,102	91,641	95,673	96,766	96,555	92,602	102,049	102,464	99,571	107,097	110,395	100,195	97,439	107,517	99,232	107,887	98,545
	Contiguous																			
All Interconnections	U.S.	539,319	551,455	505,923	557,939	565,220	573,509	562,695	606,474	618,057	613,416	563,711	613,068	635,911	635,206	651,132	646,504	579,924	611,271	670,952

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.
- 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. ReliabilityFirst 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

Released: April 2016 2016

Table 3A.2. February monthly peak hour demand, by North American Electric Reliability Corporation Assesment Area, 1996-2014 actual

megawatts

NERC Regional February Assesment Area

											Actua	I								
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	41,896	28,144	28,116	31,005	30,475	30,956	34,073	31,033	34,423	32,820	43,413	38,192	35,000	45,814	37,949	33,327	37,639	36,395	34,230
	NPCC	41,977	38,891	39,624	41,263	42,692	41,919	41,544	43,800	62,361	42,949	43,611	46,697	44,882	44,457	42,178	43,423	40,465	42,848	43,140
	Balance of Eastern																			
	Region	336,073	299,651	296,593	309,431	326,577	322,530	339,195	339,343	341,360	343,568	360,317	388,551	373,513	382,704	370,434	385,829	333,058	359,628	388,039
	ECAR	82,205	75,249	74,284	77,451	77,352	76,913	80,476	80,792	81,131	NA									
	MAAC	40,746	36,333	36,339	37,928	39,536	41,017	38,812	42,024	41,170	NA									
	MAIN	36,694	33,320	32,643	33,058	37,757	38,941	38,157	39,497	39,403	NA									
	MAPP	NA	4,749	4,743	4,837	4,633	5,127													
	MISO	NA	81,836	86,844	67,013	92,560	101,304													
	MRO	22,899	22,873	23,282	23,283	21,843	21,655	21,241	22,668	22,958	30,085	39,045	32,689	33,834	32,396	NA	NA	NA	NA	NA
	РЈМ	NA	104,915	107,116	113,998	118,740	129,691													
	RFC	NA	140,100	158,984	150,700	140,928	139,290	NA	NA	NA	NA	NA								
	SERC	107,023	108,137	106,908	114,107	124,626	117,271	132,318	126,440	129,244	146,255	133,885	174,134	168,611	181,661	141,041	144,912	115,379	109,804	114,780
Eastern Interconnection	SPP	46,506	23,739	23,137	23,604	25,463	26,733	28,191	27,922	27,454	27,128	28,402	31,028	30,140	29,358	37,893	42,214	31,831	33,891	37,137
	TRE (formerly																			
ERCOT	ERCOT)	37,705	33,120	33,703	34,343	34,779	35,091	43,837	43,498	42,301	41,095	43,210	50,408	45,321	42,228	47,195	57,984	42,090	40,407	57,011
Western Interconnection	WECC	94,878	89,483	90,267	91,773	91,627	93,801	93,195	93,831	95,546	96,789	101,154	101,215	104,200	97,674	94,018	107,878	95,159	96,637	102,651
All Interconnections	Contiguous U.S.	549,604	489,289	488,303	507,815	526,150	524,297	551,844	551,505	575,991	557,221	591,705	625,063	602,916	612,877	591,773	628,441	548,411	575,915	625,071

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.
- 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. ReliabilityFirst 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

Table 3A.3. March Monthly Peak Hour Demand, by North American Electric Reliability Corporation Assessment Area, 1996-2014 actual

megawatts

March	NERC Regional Assesment Area																			
											Actual									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	32,781	27,998	29,032	27,798	27,331	29,885	34,626	35,426	30,138	34,993	33,876	33,829	33,073	34,504	37,915	31,597	32,547	36,123	31,032
	NPCC	39,414	37,662	39,652	39,883	38,729	40,636	39,906	43,249	58,055	43,487	42,532	45,901	40,421	43,148	39,658	40,754	40,179	40,778	43,136
	Balance of Eastern																			
	Region	306,842	277,727	309,773	302,609	289,486	306,878	337,362	319,213	313,091	338,480	329,748	338,067	333,736	358,971	336,893	362,723	304,917	338,121	372,676
	ECAR	75,480	70,975	76,931	76,958	71,028	74,885	80,834	77,618	76,543	NA									
	MAAC	37,300	35,033	36,400	36,983	35,663	38,036	38,634	41,312	39,626	NA									
	MAIN	34,263	32,424	33,860	34,388	34,311	37,235	38,964	38,576	37,208	NA									
	MAPP	NA	4,341	4,431	4,372	4,297	5,006													
	MISO	NA	74,562	76,248	63,375	85,284	96,059													
	MRO	21,492	21,676	23,137	22,301	20,301	19,885	21,187	22,016	20,847	28,583	35,397	30,046	31,773	31,909	NA	NA	NA	NA	NA
	РЈМ	NA	95,015	94,216	107,528	109,671	126,639													
	RFC	NA	140,500	139,168	134,200	123,664	133,890	NA	NA	NA	NA	NA								
	SERC	94,264	95,233	114,567	108,893	104,667	112,130	129,910	113,665	115,301	144,150	129,636	148,192	150,031	165,243	128,876	154,938	100,501	106,258	108,862
Eastern Interconnection	SPP	44,043	22,386	24,878	23,086	23,516	24,707	27,833	26,026	23,566	25,247	25,548	25,629	28,268	27,928	34,099	32,889	29,141	32,611	36,110
,	TRE (formerly																			
ERCOT	ERCOT)	34,540	31,783	36,836	33,383	38,040	34,090	43,964	37,554	34,321	36,115	38,257	38,827	42,412	40,289	41,440	40,373	42,611	41,710	54,587
Western Interconnection	WECC	86,486	89,505	89,009	87,599	91,044	87,641	90,041	91,002	95,191	90,859	97,101	98,234	97,743	91,682	92,308	98,979	92,025	92,154	90,891
All Interconnections	Contiguous U.S.	498.009	464.675	504.302	491.272	484.630	499.130	545.899	526.444	530.796	543.934	541.514	554.858	547.385	568.594	548.215	574.426	512,279	548.886	592,322

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.

[•] 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. ReliabilityFirst 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

Table 3A.4. April monthly peak hour demand, by North American Electric Reliability Corporation Assesment Area, 1996-2014 actual

megawatts

	Assesment
nril	Area

April	Area																			
											Actual									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	28,609	28,458	28,008	33,108	29,175	32,816	34,818	34,337	33,895	33,596	39,132	36,137	34,896	34,525	31,763	39,766	36,255	36,861	39,349
	NPCC	35,313	35,284	35,382	34,260	36,124	37,191	42,163	38,921	54,300	37,399	37,331	38,936	37,426	40,609	36,715	36,763	37,540	36,991	35,811
	Balance of																			
	Eastern Region	269,447	269,993	261,915	279,534	280,396	299,181	346,337	303,498	300,339	295,316	325,430	316,765	307,666	312,110	301,700	310,787	296,592	304,464	301,097
	ECAR	67,256	69,190	66,199	68,396	67,022	68,571	77,743	70,007	71,732	NA									
	MAAC	32,817	32,156	31,399	30,337	32,511	35,257	44,336	36,722	36,212	NA									
	MAIN	30,546	31,376	29,915	31,678	33,187	36,146	40,495	35,575	34,812	NA									
	MAPP	NA	3,439	3,597	3,879	3,857	4,271													
	MISO	NA	69,824	70,945	58,449	79,154	80,236													
	MRO	19,272	20,625	20,882	20,750	19,323	19,168	20,231	20,208	19,488	26,700	32,868	29,377	29,324	27,745	NA	NA	NA	NA	NA
	РЈМ	NA	88,409	86,650	97,822	101,046	99,180													
	RFC	NA	119,700	144,156	117,500	114,526	119,013	NA	NA	NA	NA	NA								
	SERC	80,128	94,363	91,401	104,725	102,837	113,799	135,176	114,468	113,512	123,260	117,174	143,142	136,603	138,009	109,196	116,005	102,018	88,854	88,116
Eastern Interconnection	SPP	39,428	22,283	22,119	23,648	25,516	26,240	28,356	26,518	24,583	25,656	31,231	26,746	27,213	27,343	30,832	33,591	34,424	31,553	29,294
	TRE (formerly																			
ERCOT	ERCOT)	35,326	34,216	35,731	41,080	40,399	37,017	49,064	40,579	39,131	41,219	51,800	41,710	45,872	43,488	40,169	50,786	48,774	45,602	48,400
Western Interconnection	WECC	89,912	88,124	88,242	87,821	94,250	90,023	88,714	89,713	101,654	90,623	93,098	98,980	106,357	99,806	84,578	97,468	91,160	96,036	92,172
All Interconnections	Contiguous U.S.	460,037	456,075	449,278	475,803	480,344	496,228	561,096	507,048	529,319	498,153	546,791	532,528	532,217	530,538	494,925	535,570	510,321	519,954	516,829

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.

[•] 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.

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[•] E - Estimate; NA - Not Available

Table 3A.5. May monthly peak hour demand, by North American Electric Reliability Corporation Assesment Area, 1996-2014 actual

megawatts

NERC Regiona
Assesment

May	Area																			
											Actual									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	32,059	33,859	32,879	33,937	35,626	35,356	37,610	39,441	40,478	40,099	40,745	38,885	41,795	40,375	40,029	40,773	40,367	39,702	40,777
	NPCC	41,013	34,101	40,210	35,911	44,550	42,368	41,008	36,648	64,042	37,543	46,113	46,586	40,348	39,260	50,251	47,584	48,111	50,414	39,420
	Balance of																			
	Eastern Region	331,126	280,559	342,912	304,841	355,647	333,810	354,060	320,416	372,487	335,954	408,236	373,130	336,563	323,472	382,602	409,555	365,790	371,119	360,360
	ECAR	79,048	67,924	81,417	76,148	79,124	73,226	81,624	69,116	83,453	NA									
	MAAC	41,380	31,888	39,113	33,466	44,993	40,378	42,547	34,072	48,571	NA									
	MAIN	34,257	29,991	39,936	34,052	41,229	42,380	42,458	35,927	42,638	NA									
	MAPP	NA	3,610	3,428	3,685	3,429	3,885													
	MISO	NA	92,068	92,380	70,656	98,122	92,600													
	MRO	20,585	20,937	24,695	21,884	21,751	22,207	23,093	20,119	21,404	28,140	38,263	31,541	29,824	28,993	NA	NA	NA	NA	NA
	PJM	NA	110,783	123,649	130,558	129,053	119,742													
	RFC	NA	127,500	173,415	148,100	116,309	114,626	NA	NA	NA	NA	NA								
	SERC	103,784	105,073	125,721	113,419	133,362	123,576	131,824	128,302	143,543	146,053	160,442	161,994	156,780	149,087	135,215	147,460	120,980	104,002	107,403
Eastern Interconnection	SPP	52,072	24,746	32,030	25,872	35,188	32,043	32,514	32,880	32,878	34,261	36,115	31,495	33,650	30,765	40,926	42,637	39,911	36,513	36,730
	TRE (formerly																			
ERCOT	ERCOT)	43,742	40,857	48,676	43,529	50,347	44,606	49,018	52,909	48,702	51,947	54,175	49,222	56,344	51,321	54,725	57,520	58,947	56,209	52,615
Western Interconnection	WECC	91,930	99,796	84,051	91,165	104,053	100,484	104,110	110,358	105,503	106,680	110,713	107,541	120,959	107,913	89,818	101,859	106,556	109,893	109,608
All Interconnections	Contiguous U.S.	534,009	489,172	548,728	509,383	590,223	556,624	585,806	559,772	631,212	572,223	659,982	615,364	596,009	562,341	617,425	657,292	619,771	627,337	602,780

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.

[•] 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.

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[•] E - Estimate; NA - Not Available

Table 3A.6. June monthly peak hour demand, by North American Electric Reliability Corporation Assesment Area, 1996-2014 actual

megawatts

NERC Regional Assesment

June	Area																			
											Actua	ı								
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	33,886	34,125	37,153	34,964	35,827	38,359	38,859	39,170	42,152	42,506	44,109	43,116	43,769	46,550	45,140	44,419	41,898	43,388	43,819
	NPCC	41,893	46,477	47,342	50,127	50,057	50,289	51,873	54,827	76,529	55,720	52,000	57,272	58,543	42,851	54,472	54,097	57,806	55,155	48,446
	Balance of																			
	Eastern Region	358,111	371,770	390,931	384,720	385,923	382,704	416,926	403,699	407,164	431,859	428,910	429,684	430,318	418,492	437,006	449,131	434,001	421,482	416,212
	ECAR	83,831	89,463	92,155	94,689	89,004	91,610	98,300	92,520	94,311	NA									
	MAAC	40,799	47,681	47,225	48,147	49,291	42,472	52,490	53,444	51,631	NA									
	MAIN	42,500	44,463	45,770	45,461	44,587	49,445	51,482	51,591	50,602	NA									
	МАРР	NA	4,027	4,180	4,570	3,967	3,770													
	MISO	NA	98,927	94,896	92,955	110,586	109,196													
	MRO	26,290	27,436	29,165	28,627	26,677	26,289	28,194	25,913	25,927	38,078	43,167	38,877	36,298	37,963	NA	NA	NA	NA	NA
	PJM	NA	126,202	144,325	147,915	139,781	141,678													
	RFC	NA	177,900	187,089	170,900	164,457	154,092	NA	NA	NA	NA	NA								
	SERC	108,122	129,777	140,530	135,013	142,202	137,252	150,232	144,421	148,556	176,444	160,900	183,132	190,933	185,135	158,967	154,839	139,714	120,929	120,052
Eastern Interconnection	SPP	56,569	32,950	36,086	32,783	34,162	35,636	36,228	35,810	36,137	39,437	37,754	36,775	38,629	41,302	48,883	50,891	48,847	46,219	41,516
	TRE (formerly																			
ERCOT	ERCOT)	46,524	45,687	52,259	49,628	49,577	50,918	51,882	53,637	54,061	58,140	57,887	56,427	59,642	62,393	60,789	63,220	66,548	64,418	59,786
Western Interconnection	WECC	99,203	98,340	97,617	105,404	111,600	105,427		112,627	111,143			126,064	134,781	116,680	115,882	122,504	112,467	132,875	121,659
All Interconnections	Contiguous U.S.	580,313	596,399	625,302	624,843		627,697		663,960				712,563	727,053	686,966	713,289	733,372	712,720	717,318	689,922

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.

[•] 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. ReliabilityFirst 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

Table 3A.7. July monthly peak hour demand, by North American Electric Reliability Corporation Assesment Area, 1996-2014 actual

megawatts

July	NERC Regional Assesment Area																			
											Actual									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	35,444	35,356	36,576	36,229	37,194	37,608	40,260	40,475	42,383	45,229	45,008	45,430	44,361	43,876	44,924	43,915	43,517	42,497	44,913
	NPCC	44,773	49,269	49,566	52,855	46,310	53,569	55,444	53,509	82,615	58,960	59,953	56,073	55,919	50,319	60,554	61,573	58,319	61,335	53,774
	Balance of Eastern Region	366,682	390,992	399,590	419,120	402,311	417,247	437,609	408,938	426,939	458,993	473,330	440,742	449,171	402,139	454,742	481,145	445,660	451,302	425,025
	ECAR	84,083	93,492	93,784	99,239	87,195	96,429	101,988	90,385	96,333	NA									
	MAAC	43,080	49,464	48,445	51,645	47,868	52,000	55,302	51,356	50,483	NA									
	MAIN	42,181	45,011	46,833	50,345	47,683	54,929	54,748	50,699	53,315	NA									
	MAPP	NA	4,440	4,687	5,037	4,534	4,488													
	MISO	NA	104,024	102,819	96,769	121,124	113,507													
	MRO	27,867	29,712	30,829	31,903	28,372	27,815	29,114	27,496	29,300	39,282	47,892	40,747	40,582	34,183	NA	NA	NA	NA	NA
	РЈМ	NA	136,465	158,043	154,339	157,509	139,380													
	RFC	NA	187,700	195,296	173,600	169,155	147,049	NA	NA	NA	NA	NA								
	SERC	109,645	137,046	142,316	148,030	152,329	146,011	157,332	149,869	157,615	190,705	187,586	187,430	197,520	179,442	159,880	161,457	139,667	120,685	122,597
Eastern Interconnection	SPP	59,826	36,267	37,383	37,958	38,864	40,063	39,125	39,133	39,893	41,306	42,556	38,965	41,914	41,465	49,933	54,140	49,848	47,450	45,053
ERCOT	TRE (formerly ERCOT)	47,240	49,705	53,440	52,925	55,767	54,846	54,891	56,251	56,489	57,319	61,660	56,754	61,120	63,518	60,674	65,501	65,808	64,814	63,532
Western Interconnection	WECC	108,739	104,361	111,830	113,629	114,472	108,629	119,074	122,537	123,136	130,760	142,096	137,488	134,052	128,245	129,312	130,852	126,112	132,875	127,092
All Interconnections	Contiguous U.S.	610,368	629,683	651,002	674,758	656,054	671,899	707,278	681,710	731,562	751,261	782,047	736,487	744,623	688,098	750,206	782,985	739,416	752,823	714,336

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.

[•] 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. ReliabilityFirst 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

Table 3A.8. August monthly peak hour demand, by North American Electric Reliability Corporation Assesment Area, 1996-2014 actual

megawatts

NERC Regional

August	Assesment Area																			
											Actual									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	34,341	35,375	38,730	37,493	37,084	38,932	39,656	39,648	41,964	46,396	45,751	46,676	44,836	44,035	45,722	44,968	44,451	44,653	46,025
	NPCC	44,663	43,964	47,514	47,762	49,850	55,949	55,944	53,540	79,138	58,009	63,241	58,314	50,393	55,944	56,947	53,748	55,740	50,287	49,946
	Balance of Eastern																			
	Region	370,308	365,982	391,535	397,565	418,614	425,341	437,706	431,196	422,761	454,538	478,015	471,962	441,650	425,434	461,328	463,848	423,479	427,534	420,053
	ECAR	90,798	83,560	91,955	89,960	92,033	100,235	102,996	98,487	96,467	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MAAC	44,302	43,913	47,091	47,685	49,477	54,015	55,569	53,566	52,049	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MAIN	45,605	40,151	45,001	42,693	52,483	55,265	55,351	56,988	51,856	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	4,598	4,630	4,895	4,756	4,094
	MISO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	108,346	95,670	89,327	117,843	113,429
	MRO	27,205	28,621	30,318	29,607	28,462	28,321	27,431	28,831	27,282	39,673	44,860	39,688	39,712	36,996	NA	NA	NA	NA	NA
	PJM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	131,946	143,290	144,486	137,625	133,391
	RFC	NA	NA	NA	NA	NA	NA	NA	NA	NA	190,200	198,831	180,000	161,641	161,241	NA	NA	NA NA	NA	NA
	SERC	104,491	134,713	140,194	149,011	156,058	147,723	156,788	153,110	155,373	183,894	191,920	209,109	196,821	186,804	163,361	164,441	134,525	119,663	123,063
Eastern Interconnection	SPP	57,907	35,024	36,976	38,609	40,101	39,782	39,571	40,214	39,734	40,771	42,405	43,165	43,476	40,393	53,077	55,817	50,246	47,647	46,076
	TRE (formerly					<u>-</u>	<u>-</u>			<u>-</u>			·			<u>-</u>				
ERCOT	ERCOT)	46,807	50,468	54,666	55,529	57,606	55,201	56,248	59,996	58,531	60,210	62,339	62,188	62,174	62,241	65,776	68,416	66,509	67,245	66,454
Western Interconnection	WECC	107,790	110,001	115,921	109,873	114,602	109,119	114,763	119,473	122,922	125,253	127,749	139,389	134,829	122,835	129,352	131,605	130,465	124,540	123,492
All Interconnections	Contiguous U.S.	602,973	605,790	648,366	648,222	677,756	684,542	704,317	703,853	725,316	744,406	777,095	778,529	733,882	710,488	759,125	762,586	720,644	714,259	705,970

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.

[•] 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. ReliabilityFirst 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

Table 3A.9. September monthly peak hour demand, by North American Electric Reliability Corporation Assessment Area, 1996-2014 actual

megawatts

NERC Regional
Assesment

September	Area																			
											Actual									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	34,797	33,620	34,650	36,954	36,216	38,052	39,156	38,958	40,218	42,968	42,807	44,796	43,028	41,489	42,804	40,997	40,756	42,317	42,987
	NPCC	43,321	42,487	42,358	45,913	48,266	45,703	49,324	43,123	73,418	50,704	43,207	51,463	50,957	41,778	57,377	45,675	49,566	55,653	53,497
	Balance of																			
	Eastern Region	335,610	350,753	362,775	370,390	388,846	367,971	411,127	362,468	375,390	408,430	365,640	421,226	404,332	351,788	417,351	420,953	392,770	423,437	413,379
	ECAR	79,931	82,661	83,611	84,542	89,118	85,422	97,427	79,510	85,638	NA									
	MAAC	41,741	42,196	44,226	44,357	45,332	42,920	46,828	40,346	44,128	NA									
	MAIN	39,421	38,641	39,957	43,601	51,007	47,066	52,521	45,478	46,901	NA									
	MAPP	NA	3,559	4,083	4,362	4,360	3,971													
	MISO	NA	93,748	95,738	83,877	115,804	109,527													
	MRO	24,478	24,689	26,801	27,310	25,264	23,844	27,076	24,628	26,517	34,696	37,123	37,674	35,586	31,754	NA	NA	NA	NA	NA
	PJM	NA	NA	NA	NA		NA	NA	NA		NA		NA	NA	NA	127,682		129,959	143,461	138,157
	RFC	NA	167.200	160.862	163,300	157.334	126,444			NA	NA	NA								
	SERC	98,022	128,773	132,270	135,888		134,407	149,616	139,630	136,089	,	,		,		147,826	149,202	127,330	114,745	119,064
Eastern Interconnection	SPP				34,692	39,246				36,117		33,342	36,887	34,823					45.067	
Lastern interconnection	•																	,	45,007	,
ERCOT	ERCOT)	41,733	49,005	51,981	50,447	57,099	50,073	51,556	49,502	55,179	59,524	56,603	55,091	56,343	55,383	58,201	63,214	64,862	63,388	64,440
Western Interconnection	WECC	98,006	105,659	112,705	102,526	107,797	101,320	111,475	113,594	116,784	113,824	122,420	128,226	122,386	122,256	119,104	130,134	116,544	122,622	120,703
	Contiguous			·		·	·				·									
All Interconnections	U.S.	554,390	581,524	604,469	606,230	638,224	603,119	662,638	607,645	660,989	675,450	630,677	700,802	677,046	612,693	694,836	700,973	664,498	707,417	695,006

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.

[•] 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. ReliabilityFirst 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

Table 3A.10. October monthly peak hour demand, by North American Electric Reliability Corporation Assessment Area, 1996-2014 actual

megawatts

NERC Regional Assesment

October	Area																			
											Actual									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	30,037	31,798	33,066	33,567	34,675	32,891	37,206	36,917	39,063	40,621	40,155	40,993	38,413	42,853	38,469	36,523	38,819	39,124	40,731
	NPCC	36,278	37,597	36,947	37,120	39,300	38,398	43,293	39,225	56,870	41,854	40,157	45,066	39,251	37,998	39,019	38,711	38,160	39,522	38,178
	Balance of																			
	Eastern Region	268,103	302,734	301,540	290,462	316,947	293,232	354,124	293,225	305,605	350,137	349,309	385,178	319,213	306,077	308,575	304,642	293,772	334,009	316,221
	ECAR	65,754	72,508	70,293	70,326	71,031	68,037	81,544	69,179	69,295	NA									
	MAAC	30,600	34,898	33,805	32,149	35,996	34,441	41,809	34,966	34,614	NA									
	MAIN	30,952	35,654	33,675	34,225	38,534	35,619	42,408	36,155	36,023	NA									
	MAPP	NA	3,709	3,750	3,906	4,153	4,299													
	MISO	NA	73,310	65,261	61,312	89,799	87,007													
	MRO	21,196	23,330	21,782	21,982	20,301	20,244	22,231	21,040	20,847	32,974	37,711	31,788	30,412	28,505	NA	NA	NA	NA	NA
	РЈМ	NA	85,652	93,224	98,762	108,826	95,920													
	RFC	NA	140,000	153,199	153,800	118,203	111,450	NA	NA	NA	NA	NA								
	SERC	78,249	107,909	116,754	106,035	120,175	108,203	134,171	105,513	117,668	144,121	124,746	166,053	142,605	138,852	112,338	107,580	99,169	95,322	94,728
Eastern Interconnection	SPP	41,352	28,435	25,231	25,745	30,910	26,688	31,961	26,372	27,158	33,042	33,653	33,537	27,993	27,270	33,566	34,827	30,623	35,909	34,267
	TRE (formerly																			
ERCOT	ERCOT)	34,958	43,533	46,869	43,706	47,781	40,796	49,105	42,651	47,714	52,107	50,890	54,102	46,575	49,090	45,456	49,757	48,274	54,710	58,419
Western Interconnection	WECC	95,427	95,236	92,543	96,329	97,398	97,762	99,967	103,327	96,429	101,470	103,797	99,594	115,877	91,636		109,311	110,181	92,610	102,898
All Interconnections	Contiguous U.S.	467,595	510,898	510,965	501,184	536,101	503,079	583,695	515,345	545,681	586,189	584,308	624,933	559,329	527,654	536,122	538,944	529,206	559,975	556,447

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.

 $[\]bullet$ Peak load represents an hour of a day during the associated peak period.

[•] 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. ReliabilityFirst 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

Table 3A.11. November monthly peak hour demand, by North American Electric Reliability Corporation Assesment Area, 1996-2014 actual

megawatts

NERC Regional
Assesment

November	Area																			
											Actual									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	FRCC	29,033	27,669	27,703	29,249	30,647	27,910	35,513	32,641	35,527	32,661	34,285	33,248	34,721	35,046	32,934	32,406	29,203	35,417	36,018
	NPCC	38,992	39,602	38,738	41,314	41,036	39,576	40,696	40,197	60,680	41,875	41,149	41,766	42,111	39,746	39,906	39,360	41,074	41,696	40,814
	Balance of																			
	Eastern Region	294,847	301,603	277,338	302,052	322,301	296,648	312,665	313,005	316,509	330,377	341,384	327,594	341,972	,	319,778	328,765	313,350	348,111	373,977
	ECAR	74,209	74,912	70,515	76,860	77,194	71,440	75,971	75,525	74,843	NA									
	MAAC	35,192	35,836	33,213	37,429	37,982	34,595	37,039	36,848	37,114	NA									
	MAIN	33,868	33,483	32,344	34,433	37,707	37,626	37,753	38,407	38,372	NA									
	MAPP	NA	4,317	4,145	4,585	4,580	4,914													
	MISO	NA	79,454	70,297	66,201	90,021	95,703													
	MRO	22,597	22,675	22,702	22,966	22,006	21,198	21,928	22,031	22,308	30,690	38,933	31,782	32,026	29,788	NA	NA	NA	NA	NA
	PJM	NA	90,313	101,557	107,455	114,699	120,848													
	RFC	NA	136,300	144,977	127,100	127,255	118,737	NA	NA	NA	NA	NA								
	SERC	86,864	110,668	96,290	107,591	121,470	104,840	114,186	114,990	117,269	136,054	127,774	142,102	155,558	129,066	111,878		104,797	105,261	117,958
Eastern Interconnection	SPP	42,117	24,029	22,274	22,773	25,942	26,949	25,788	25,204	26,603	27,333	29,699	26,610	27,133	26,077	33,816	33,915	30,312	33,550	34,554
	TRE (formerly		·						·	·					·		·			
ERCOT	ERCOT)	34,597	33,624	32,616	33,615	35,563	41,608	35,901	38,608	37,599	42,470	45,143	39,993	38,746	37,040	40,220	41,991	41,626	46,954	50,807
Western Interconnection	WECC	87,466	89,470	88,524	90,741	95,483	91,851	92,834	94,291	100,001	100,361	107,335	100,700	100,056	94,362	102,044	99,416	94,676	96,165	97,936
	Contiguous																			
All Interconnections	U.S.	483,922	491,968	464,919	496,971	525,030	497,593	517,609	518,742	550,316	547,744	569,296	543,301	557,606	509,862	534,882	541,939	519,929	568,343	599,552

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.

[•] 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. ReliabilityFirst 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

Table 3A.12. December monthly peak hour demand, by North American Electric Reliability Corporation Assessment Area, 1996-2014 actual

megawatts

33,759 34,104 46,024 45,699 364,216 379,878	33,759 3 46,024 4 364,216 37	34,104 33, 45,695 44, 379,878 363,	44,864 45,28 63,426 404,71	5 29,299 1 42,221 3 351,017	42,156 326,085	2013 32,428 45,908	42,907
33,759 34,104 46,024 45,699 364,216 379,878	33,759 3 46,024 4 364,216 37	34,104 33, 45,695 44, 379,878 363,	33,781 46,13! 44,864 45,28: 63,426 404,71:	5 29,299 1 42,221 3 351,017	32,982 42,156 326,085	32,428 45,908	33,340 42,907
46,024 45,699 364,216 379,878	46,024 4 364,216 37	45,695 44,i 379,878 363,i	44,864 45,28 63,426 404,71	42,221 3 351,017	42,156 326,085	45,908	42,907
46,024 45,699 364,216 379,878	46,024 4 364,216 37	45,695 44, 379,878 363,	44,864 45,28 63,426 404,71	42,221 3 351,017	42,156 326,085	45,908	42,907
		, ,	,	, -	,	371 808	250 242
		, ,	,	, -	,	371 898	250 242
							330,243
			NA NA	NA NA	NA	NA	NA
	NA	NA	NA NA	NA NA	NA	NA	NA
	NA	NA	NA NA	NA NA	NA	NA	NA
	NA	NA	NA 4,950	4,554	5,003	5,112	5,096
	NA	NA	NA 90,848	3 72,739	69,270	95,803	91,339
32,764 35,243	32,764 3	35,243 34,3	34,252 NA	NA NA	NA	NA	NA
NA NA	NA	NA	NA 115,53	107,088	109,948	124,072	114,047
139,200 142,949	139,200 14	142,949 137,	37,374 NA	NA NA	NA	NA	NA
						109,866	106,234
1	1	32,764 NA 39,200	32,764 35,243 NA NA 39,200 142,949 1	32,764 35,243 34,252 NA NA NA NA 115,533 39,200 142,949 137,374 NA	32,764 35,243 34,252 NA NA NA NA NA NA NA NA 115,535 107,088 39,200 142,949 137,374 NA NA	32,764 35,243 34,252 NA	32,764 35,243 34,252 NA

27,259

40,782

99,793

557,120 627,193

29,782

44,010

101,541

31,764

47,948

107,493

609,564

30,331

46,896

108,617

616,580

29,560

44,443

109,607

598,049

32,361

47,806

113,605

621,087

32,028

46,912

109,565

598,548

37,555

44,716

101,668

642,512

38,034

50,969

109,251

582,757

33,282

45,545

101,706

548,474

33,527

48,362

104,025

578,877

37,045

53,642

110,765

614,641

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

25,020

36,458

93,132 101,822

26,725

40,566

Contiguous U.S. 536,070 511,114 527,000 528,321 578,585 517,911 559,757

25,415

36,685

96,875

30,137

44,641

97,324

Eastern Interconnection

Western Interconnection

All Interconnections

ERCOT

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

TRE (formerly

SPP

ERCOT)

WECC

25,951

36,557

95,286

27,710

40,650

95,951

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

48,274

39,214

94,331

[•] Projected data are updated annually.

[•] 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. ReliabilityFirst 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