

**Table 4.3.A. Summer Net Internal Demand, Capacity Resources, and Capacity Margins by North American Electric Reliability Assessment Area, 1999-2010 Actual**  
(Megawatts and Percent)

Interconnection	NERC Regional Assessment Area	Net Internal Demand (MW)[1] -- Summer											
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	FRCC	34,832	35,666	38,932	37,951	40,387	42,243	45,950	45,345	46,434	44,660	46,263	45,522
	NPCC	53,450	54,270	55,888	55,164	53,936	51,580	57,402	60,879	58,221	59,896	55,730	56,232
	<b>Balance of Eastern Region</b>	<b>401,701</b>	<b>420,443</b>	<b>417,613</b>	<b>430,396</b>	<b>422,253</b>	<b>419,349</b>	<b>455,594</b>	<b>469,639</b>	<b>465,229</b>	<b>447,629</b>	<b>424,714</b>	<b>454,759</b>
Eastern Interconnection	ECAR	94,072	98,651	100,235	101,251	98,487	95,300	NA	NA	NA	NA	NA	NA
	MAAC	49,325	51,358	54,015	54,296	53,566	52,049	NA	NA	NA	NA	NA	NA
	MAIN	47,165	51,845	53,032	53,267	53,617	50,499	NA	NA	NA	NA	NA	NA
	MAPP	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,493
	MISO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100,963
	MRO	30,606	28,006	27,125	28,825	28,775	29,094	38,266	40,661	40,249	38,857	35,849	NA
	PJM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	136,465
	RFC	NA	NA	NA	NA	NA	NA	190,200	190,800	177,200	169,155	161,241	NA
	SERC	142,726	151,527	144,399	154,459	148,380	153,024	186,049	196,196	205,321	196,711	186,507	160,896
	SPP	37,807	39,056	38,807	38,298	39,428	39,383	41,079	41,982	42,459	42,906	41,117	51,942
ERCOT	TRE	51,697	53,649	55,106	55,833	59,282	58,531	59,060	61,214	61,063	61,049	63,518	64,378
Western Interconnection	WECC	112,177	116,913	107,294	117,032	120,894	121,205	128,464	139,402	135,839	130,916	122,881	126,944
All Interconnections	Contiguous U.S.	653,857	680,941	674,833	696,376	696,752	692,908	746,470	776,479	766,786	744,151	713,106	747,836
Interconnection	NERC Regional Assessment Area	Capacity Resources (MW)[2] -- Summer											
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	FRCC	40,645	43,083	42,290	43,342	46,806	48,579	50,200	50,909	53,027	51,541	49,239	53,370
	NPCC	63,077	63,376	63,760	66,208	70,902	71,532	72,258	73,095	73,771	75,894	78,639	67,569
	<b>Balance of Eastern Region</b>	<b>460,325</b>	<b>490,333</b>	<b>487,950</b>	<b>504,357</b>	<b>513,382</b>	<b>526,454</b>	<b>532,917</b>	<b>534,270</b>	<b>543,608</b>	<b>539,936</b>	<b>559,823</b>	<b>571,719</b>
Eastern Interconnection	ECAR	107,451	115,379	113,136	119,736	123,755	127,919	NA	NA	NA	NA	NA	NA
	MAAC	57,831	60,679	59,533	63,619	65,897	66,167	NA	NA	NA	NA	NA	NA
	MAIN	55,984	64,170	65,950	67,025	67,410	65,677	NA	NA	NA	NA	NA	NA
	MAPP	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7,210
	MISO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	131,691
	MRO	35,373	34,236	32,271	34,259	33,287	35,830	46,792	50,116	47,259	48,180	47,529	NA
	PJM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	168,970
	RFC	NA	NA	NA	NA	NA	NA	220,000	214,693	213,544	215,477	215,700	NA
	SERC	160,575	169,760	171,530	172,485	177,231	182,861	219,749	223,630	234,232	228,169	247,400	200,511
	SPP	43,111	46,109	45,530	47,233	45,802	48,000	46,376	45,831	48,573	48,110	49,194	63,337
ERCOT	TRE	65,423	69,622	70,797	76,849	74,764	73,850	66,724	70,664	75,912	74,274	76,280	73,857
Western Interconnection	WECC	136,274	141,640	124,193	142,624	150,277	155,455	160,026	162,288	168,080	167,860	152,467	158,407
All Interconnections	Contiguous U.S.	765,744	808,054	788,990	833,380	856,131	875,870	882,125	891,226	914,397	909,504	916,449	924,922
Interconnection	NERC Regional Assessment Area	Capacity Margin (percent)[3] -- Summer											
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	FRCC	14.3	17.2	7.9	12.4	13.7	13.0	8.5	10.9	12.4	13.4	6.0	14.7
	NPCC	15.3	14.4	12.3	16.7	23.9	27.9	20.6	16.7	21.1	21.1	29.1	16.8
	<b>Balance of Eastern Region</b>	<b>12.7</b>	<b>14.3</b>	<b>14.4</b>	<b>14.7</b>	<b>17.8</b>	<b>20.3</b>	<b>14.5</b>	<b>12.1</b>	<b>14.4</b>	<b>17.1</b>	<b>24.1</b>	<b>20.5</b>
Eastern Interconnection	ECAR	12.5	14.5	11.4	15.4	20.4	25.5	NA	NA	NA	NA	NA	NA
	MAAC	14.7	15.4	9.3	14.7	18.7	21.3	NA	NA	NA	NA	NA	NA
	MAIN	15.8	19.2	19.6	20.5	20.5	23.1	NA	NA	NA	NA	NA	NA
	MAPP	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.7
	MISO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.3
	MRO	13.5	18.2	15.9	15.9	13.6	18.8	18.2	18.9	14.8	19.3	24.6	NA
	PJM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.2
	RFC	NA	NA	NA	NA	NA	NA	13.5	11.1	17.0	21.5	25.2	NA
	SERC	11.1	10.7	15.8	10.5	16.3	16.3	15.3	12.3	12.3	13.8	24.6	19.8
	SPP	12.3	15.3	14.8	18.9	13.9	18.0	11.4	8.4	12.6	10.8	16.4	18.0
ERCOT	TRE	21.0	22.9	22.2	27.3	20.7	20.7	11.5	13.4	19.6	17.8	16.7	12.8
Western Interconnection	WECC	17.7	17.5	13.6	17.9	19.6	22.0	19.7	14.1	19.2	22.0	19.4	19.9
All Interconnections	Contiguous U.S.	14.6	15.7	14.5	16.4	18.6	20.9	15.4	12.9	16.1	18.2	22.2	19.1

[1] Net Internal Demand represent the system demand that is planned for by the electric power industry's reliability authority and is equal to Internal Demand less Direct Control Load Management and Interruptible Demand.

[2] Capacity Resources: Utility and nonutility-owned generating capacity that is existing or in various stages of planning or construction, less inoperable capacity, plus planned capacity purchases from other resources, less planned capacity sales.

[3] Capacity Margin is the amount of unused available capability of an electric power system at peak load as a percentage of capacity resources.

Notes: • NERC region and reliability assessment area maps are provided on EIA's Electricity Reliability web page:

<http://www.eia.gov/cneaf/electricity/page/eia411/eia411.html>

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

• The Summer peak period begins on June 1 and extends through September 30.

• 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.

• NA - Not Available

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