

Table 4a. Summer Historic Net Internal Demand, Capacity Resources, and Capacity Margins by North American Electric Reliability Council Region, 1990 through 2004 (Megawatts and Percent)

Year		Summer										
		Contiguous U.S.			ECAR			FRCC			MAAC	
		Net Internal Demand (MW)	Capacity Resources (MW)	Capacity Margin (percent)	Net Internal Demand (MW)	Capacity Resources (MW)	Capacity Margin (percent)	Net Internal Demand (MW)	Capacity Resources (MW)	Capacity Margin (percent)	Net Internal Demand (MW)	Capacity Resources (MW)
	1990	538,824	687,341	21.6	79,370	97,588	18.7	27,162	33,549	20.0	43,341	54,132
	1991	547,946	692,337	20.9	79,948	98,993	19.2	27,773	33,669	17.5	43,794	55,347
	1992	554,462	697,432	20.5	80,536	100,027	19.5	28,898	34,565	16.4	44,348	55,272
	1993	565,041	705,360	19.9	83,530	101,910	18.0	29,435	36,225	18.7	44,198	55,328
	1994	578,640	711,583	18.7	84,967	101,605	16.4	30,537	37,577	18.7	44,571	56,271
	1995	589,860	727,481	18.9	85,643	103,003	16.9	31,649	38,282	17.3	45,224	56,881
	1996	602,438	730,376	17.5	88,573	104,953	15.6	31,868	38,237	16.7	45,628	56,774
	1997	618,389	737,855	16.2	91,103	105,106	13.3	32,874	39,613	17.0	46,548	56,155
	1998	638,086	744,670	14.3	92,359	105,545	12.5	34,562	39,708	13.0	47,626	55,511
	1999	653,857	765,744	14.6	94,072	107,451	12.5	34,832	40,645	14.3	49,325	57,831
	2000	680,941	808,054	15.7	98,651	115,379	14.5	35,666	43,083	17.2	51,358	60,679
	2001	674,833	788,990	14.5	100,235	113,136	11.4	38,932	42,290	7.9	54,015	59,533
	2002	696,376	833,380	16.4	101,251	119,736	15.4	37,951	43,342	12.4	54,296	63,619
	2003	696,752	856,131	18.6	98,487	123,755	20.4	40,387	46,806	13.7	53,566	65,897
	2004	692,908	875,870	20.9	95,300	127,919	25.5	42,243	48,579	13.0	52,049	66,167

Notes: • Actual data are final. • Projected data are updated annually. • NERC Regional Council names may be found in the reference document. • Represents the noncontiguous U.S. • The summer peak period begins on June 1 and extends through September 30. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-411, "Coordinated Bulk Power Supply Program Report."

ugh 2004

Eastern Power Grid

	MAIN			MAPP/MRO			NPCC			SERC			SPP	
Capacity Margin (percent)	Net Internal Demand (MW)	Capacity Resources (MW)	Capacity Margin (percent)	Net Internal Demand (MW)	Capacity Resources (MW)	Capacity Margin (percent)	Net Internal Demand (MW)	Capacity Resources (MW)	Capacity Margin (percent)	Net Internal Demand (MW)	Capacity Resources (MW)	Capacity Margin (percent)	Net Internal Demand (MW)	Capacity Resources (MW)
19.9	40,466	48,244	16.1	24,055	32,063	25.0	46,016	60,878	24.4	93,893	112,112	16.3	51,554	67,333
20.9	41,083	48,471	15.2	26,168	31,975	18.2	45,952	59,972	23.4	94,767	114,690	17.4	51,537	67,472
19.8	41,304	49,104	15.9	26,050	32,411	19.6	46,007	61,960	25.7	97,448	115,635	15.7	52,183	67,472
20.1	42,001	50,333	16.6	25,901	31,964	19.0	46,380	62,049	25.3	99,287	117,375	15.4	55,067	67,922
20.8	42,611	50,963	16.4	26,855	32,267	16.8	47,465	61,906	23.3	101,885	120,044	15.1	56,395	69,198
20.5	43,229	52,112	17.0	27,487	32,665	15.9	48,290	62,368	22.6	105,785	127,562	17.1	57,951	69,354
19.6	44,470	52,880	15.9	27,298	33,121	17.6	48,950	58,592	16.5	109,270	126,196	13.4	59,017	69,344
17.1	45,194	52,160	13.4	28,221	34,027	17.1	50,240	60,729	17.3	134,968	155,016	12.9	37,009	43,591
14.2	45,570	52,722	13.6	29,766	34,773	14.4	51,760	60,439	14.4	138,146	158,360	12.8	36,402	42,554
14.7	47,165	55,984	15.8	30,606	35,373	13.5	53,450	63,077	15.3	142,726	160,575	11.1	37,807	43,111
15.4	51,845	64,170	19.2	28,006	34,236	18.2	54,270	63,376	14.4	151,527	169,760	10.7	39,056	46,109
9.3	53,032	65,950	19.6	27,125	32,271	15.9	55,888	63,760	12.3	144,399	171,530	15.8	38,807	45,530
14.7	53,267	67,025	20.5	28,825	34,259	15.9	55,164	66,208	16.7	154,459	172,485	10.5	38,298	47,233
18.7	53,617	67,410	20.5	28,775	33,287	13.6	53,936	70,902	23.9	148,380	177,231	16.3	39,428	45,802
21.3	50,499	65,677	23.1	29,094	35,830	18.8	51,580	71,532	27.9	153,024	182,861	16.3	39,383	48,000

ncident summation of an hour of a day during the associated peak period for information used by industry for reliability purposes.

	Texas Power Grid			Western Power Grid		
	ERCOT			WECC		
Capacity Margin (percent)	Net Internal Demand (MW)	Capacity Resources (MW)	Capacity Margin (percent)	Net Internal Demand (MW)	Capacity Resources (MW)	Capacity Margin (percent)
23.4	41,915	53,549	21.7	91,052	127,478	28.6
23.6	43,516	53,954	19.3	93,408	127,794	26.9
22.7	43,093	54,994	21.6	94,595	125,992	24.9
18.9	42,629	54,323	21.5	96,613	127,931	24.5
18.5	43,630	54,219	19.5	99,724	127,533	21.8
16.4	44,990	55,074	18.3	99,612	130,180	23.5
14.9	45,636	55,230	17.4	101,728	135,049	24.7
15.1	47,746	55,771	14.4	104,486	135,687	23.0
14.5	50,254	59,788	15.9	111,641	135,270	17.5
12.3	51,697	65,423	21.0	112,177	136,274	17.7
15.3	53,649	69,622	22.9	116,913	141,640	17.5
14.8	55,106	70,797	22.2	107,294	124,193	13.6
18.9	55,833	76,849	27.3	117,032	142,624	17.9
13.9	59,282	74,764	20.7	120,894	150,277	19.6
18.0	58,531	73,850	20.7	121,205	155,455	22.0