

Table 3.2. Net Internal Demand, Capacity Resources, and Capacity Margins by North American Electric Reliability Council Region, Summer, 1995 through 2006
(Megawatts)

Region and Item	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995
ECAR¹												
Net Internal Demand ²	NA	NA	95,300	98,487	101,251	100,235	98,651	94,072	92,359	91,103	88,573	85,643
Capacity Resources ³	NA	NA	127,919	123,755	119,736	113,136	115,379	107,451	105,545	105,106	104,953	103,003
Capacity Margin (percent) ⁴	NA	NA	25.5	20.4	15.4	11.4	14.5	12.5	12.5	13.3	15.6	16.9
ERCOT												
Net Internal Demand ²	62,669	59,060	58,531	59,282	55,833	55,106	53,649	51,697	50,254	47,746	45,636	44,990
Capacity Resources ³	71,156	66,724	73,850	74,764	76,849	70,797	69,622	65,423	59,788	55,771	55,230	55,074
Capacity Margin (percent) ⁴	11.9	11.5	20.7	20.7	27.3	22.2	22.9	21.0	15.9	14.4	17.4	18.3
FRCC												
Net Internal Demand ²	43,824	45,950	42,243	40,387	37,951	38,932	35,666	34,832	34,562	32,874	31,868	31,649
Capacity Resources ³	53,171	50,200	48,579	46,806	43,342	42,290	43,083	40,645	39,708	39,613	38,237	38,282
Capacity Margin (percent) ⁴	17.6	8.5	13.0	13.7	12.4	7.9	17.2	14.3	13.0	17.0	16.7	17.3
MAAC¹												
Net Internal Demand ²	NA	NA	52,049	53,566	54,296	54,015	51,358	49,325	47,626	46,548	45,628	45,224
Capacity Resources ³	NA	NA	66,167	65,897	63,619	59,533	60,679	57,831	55,511	56,155	56,774	56,881
Capacity Margin (percent) ⁴	NA	NA	21.3	18.7	14.7	9.3	15.4	14.7	14.2	17.1	19.6	20.5
MAIN¹												
Net Internal Demand ²	NA	NA	50,499	53,617	53,267	53,032	51,845	47,165	45,570	45,194	44,470	43,229
Capacity Resources ³	NA	NA	65,677	67,410	67,025	65,950	64,170	55,984	52,722	52,160	52,880	52,112
Capacity Margin (percent) ⁴	NA	NA	23.1	20.5	20.5	19.6	19.2	15.8	13.6	13.4	15.9	17.0
MRO (U.S.)⁵												
Net Internal Demand ²	41,754	38,266	29,094	28,775	28,825	27,125	28,006	30,606	29,766	28,221	27,298	27,487
Capacity Resources ³	49,792	46,792	35,830	33,287	34,259	32,271	34,236	35,373	34,773	34,027	33,121	32,665
Capacity Margin (percent) ⁴	16.1	18.2	18.8	13.6	15.9	15.9	18.2	13.5	14.4	17.1	17.6	15.9
NPCC (U.S.)												
Net Internal Demand ²	59,727	57,402	51,580	53,936	55,164	55,888	54,270	53,450	51,760	50,240	48,950	48,290
Capacity Resources ³	70,607	72,258	71,532	70,902	66,208	63,760	63,376	63,077	60,439	60,729	58,592	62,368
Capacity Margin (percent) ⁴	15.4	20.6	27.9	23.9	16.7	12.3	14.4	15.3	14.4	17.3	16.5	22.6
ReliabilityFirst⁶												
Net Internal Demand ²	179,600	190,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Capacity Resources ³	213,792	220,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Capacity Margin (percent) ⁴	16.0	13.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SERC												
Net Internal Demand ²	196,111	186,049	153,024	148,380	154,459	144,399	151,527	142,726	138,146	134,968	109,270	105,785
Capacity Resources ³	231,123	219,749	182,861	177,231	172,485	171,530	169,760	160,575	158,360	155,016	126,196	127,562
Capacity Margin (percent) ⁴	15.1	15.3	16.3	16.3	10.5	15.8	10.7	11.1	12.8	12.9	13.4	17.1
SPP												
Net Internal Demand ²	42,266	41,079	39,383	39,428	38,298	38,807	39,056	37,807	36,402	37,009	59,017	57,951
Capacity Resources ³	46,564	46,376	48,000	45,802	47,233	45,530	46,109	43,111	42,554	43,591	69,344	69,354
Capacity Margin (percent) ⁴	9.2	11.4	18.0	13.9	18.9	14.8	15.3	12.3	14.5	15.1	14.9	16.4
WECC (U.S.)												
Net Internal Demand ²	134,157	128,464	121,205	120,894	117,032	107,294	116,913	112,177	111,641	104,486	101,728	99,612
Capacity Resources ³	169,950	160,026	155,455	150,277	142,624	124,193	141,640	136,274	135,270	135,687	135,049	130,180
Capacity Margin (percent) ⁴	21.1	19.7	22.0	19.6	17.9	13.6	17.5	17.7	17.5	23.0	24.7	23.5
Contiguous U.S.												
Net Internal Demand ²	760,108	746,470	692,908	696,752	696,376	674,833	680,941	653,857	638,086	618,389	602,438	589,860
Capacity Resources ³	906,155	882,125	875,870	856,131	833,380	788,990	808,054	765,744	744,670	737,855	730,376	727,481
Capacity Margin (percent) ⁴	16.1	15.4	20.9	18.6	16.4	14.5	15.7	14.6	14.3	16.2	17.5	18.9

¹ ECAR, MAAC, and MAIN dissolved at the end of 2005. Utility membership joined other reliability regional councils. Also, see Footnote 6.

² 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.

³ Capacity Resources: Utility- and IPP-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.

⁴ Capacity Margin is the amount of unused available capability of an electric power system at peak load as a percentage of capacity resources.

⁵ Regional name has changed from Mid-Continent Area Power Pool to Midwest Reliability Organization.

⁶ ReliabilityFirst Corporation (RFC) came into existence on January 1, 2006, and submitted a consolidated filing covering the historical NERC regions of ECAR, MAAC, and MAIN. Many of the former utility members joined RFC.

NA = Not available.

Notes: • NERC Regional Council names may be found in the Glossary reference. • Represents an hour of a day during the associated peak period. • The summer peak period begins on June 1 and extends through September 30. • The MRO, SERC, and SPP regional boundaries were altered as a variety of utilities changed reliability organizations. The historical data series have not been adjusted. • Totals may not equal sum of components because of independent rounding.

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