## Table 3.2. Net Internal Demand, Capacity Resources, and Capacity Margins by North American Electric Reliability Council Region, Summer, 1996 through 2007
(Megawatts)

| Region and Item | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 | 2001 | 2000 | 1999 | 1998 | 1997 | 1996 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ECAR[1]** | | | | | | | | | | | | |
| Net Internal Demand[2] | NA | NA | NA | 95,300 | 98,487 | 101,251 | 100,235 | 98,651 | 94,072 | 92,359 | 91,103 | 88,573 |
| Capacity Resources[3] | NA | NA | NA | 127,919 | 123,755 | 119,736 | 113,136 | 115,379 | 107,451 | 105,545 | 105,106 | 104,953 |
| Capacity Margin (percent)[4] | NA | NA | NA | 25.5 | 20.4 | 15.4 | 11.4 | 14.5 | 12.5 | 12.5 | 13.3 | 15.6 |
| **TRE (formerly ERCOT)** | | | | | | | | | | | | |
| Net Internal Demand[2] | 63,725 | 62,669 | 59,060 | 58,531 | 59,282 | 55,833 | 55,106 | 53,649 | 51,697 | 50,254 | 47,746 | 45,636 |
| Capacity Resources[3] | 72,503 | 71,156 | 66,724 | 73,850 | 74,764 | 76,849 | 70,797 | 69,622 | 65,423 | 59,788 | 55,771 | 55,230 |
| Capacity Margin (percent)[4] | 12.1 | 11.9 | 11.5 | 20.7 | 20.7 | 27.3 | 22.2 | 22.9 | 21.0 | 15.9 | 14.4 | 17.4 |
| **FRCC** | | | | | | | | | | | | |
| Net Internal Demand[2] | 44,417 | 43,824 | 45,950 | 42,243 | 40,387 | 37,951 | 38,932 | 35,666 | 34,832 | 34,562 | 32,874 | 31,868 |
| Capacity Resources[3] | 53,553 | 53,171 | 50,200 | 48,579 | 46,806 | 43,342 | 42,290 | 43,083 | 40,645 | 39,708 | 39,613 | 38,237 |
| Capacity Margin (percent) | 17.1 | 17.6 | 8.5 | 13.0 | 13.7 | 12.4 | 7.9 | 17.2 | 14.3 | 13.0 | 17.0 | 16.7 |
| **MAAC[1]** | | | | | | | | | | | | |
| Net Internal Demand[2] | NA | NA | NA | 52,049 | 53,566 | 54,296 | 54,015 | 51,358 | 49,325 | 47,626 | 46,548 | 45,628 |
| Capacity Resources[3] | NA | NA | NA | 66,167 | 65,897 | 63,619 | 59,533 | 60,679 | 57,831 | 55,511 | 56,155 | 56,774 |
| Capacity Margin (percent)[4] | NA | NA | NA | 21.3 | 18.7 | 14.7 | 9.3 | 15.4 | 14.7 | 14.2 | 17.1 | 19.6 |
| **MAIN[1]** | | | | | | | | | | | | |
| Net Internal Demand[2] | NA | NA | NA | 50,499 | 53,617 | 53,267 | 53,032 | 51,845 | 47,165 | 45,570 | 45,194 | 44,470 |
| Capacity Resources[3] | NA | NA | NA | 65,677 | 67,410 | 67,025 | 65,950 | 64,170 | 55,984 | 52,722 | 52,160 | 52,880 |
| Capacity Margin (percent)[4] | NA | NA | NA | 23.1 | 20.5 | 20.5 | 19.6 | 19.2 | 15.8 | 13.6 | 13.4 | 15.9 |
| **MRO (U.S.)[5]** | | | | | | | | | | | | |
| Net Internal Demand[2] | 41,260 | 41,754 | 38,266 | 29,094 | 28,775 | 28,825 | 27,125 | 28,006 | 30,606 | 29,766 | 28,221 | 27,298 |
| Capacity Resources[3] | 47,875 | 49,792 | 46,792 | 35,830 | 33,287 | 34,259 | 32,271 | 34,236 | 35,373 | 34,773 | 34,027 | 33,121 |
| Capacity Margin (percent)[4] | 13.8 | 16.1 | 18.2 | 18.8 | 13.6 | 15.9 | 15.9 | 18.2 | 13.5 | 14.4 | 17.1 | 17.6 |
| **NPCC (U.S.)** | | | | | | | | | | | | |
| Net Internal Demand[2] | 58,371 | 59,727 | 57,402 | 51,580 | 53,936 | 55,164 | 55,888 | 54,270 | 53,450 | 51,760 | 50,240 | 48,950 |
| Capacity Resources[3] | 72,105 | 70,607 | 72,258 | 71,532 | 70,902 | 66,208 | 63,760 | 63,376 | 63,077 | 60,439 | 60,729 | 58,592 |
| Capacity Margin (percent)[4] | 19.0 | 15.4 | 20.6 | 27.9 | 23.9 | 16.7 | 12.3 | 14.4 | 15.3 | 14.4 | 17.3 | 16.5 |
| **Reliability*First*[6]** | | | | | | | | | | | | |
| Net Internal Demand[2] | 177,200 | 179,600 | 190,200 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Capacity Resources[3] | 213,787 | 213,792 | 220,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Capacity Margin (percent)[4] | 17.1 | 16.0 | 13.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **SERC** | | | | | | | | | | | | |
| Net Internal Demand[2] | 198,522 | 196,111 | 186,049 | 153,024 | 148,380 | 154,459 | 144,399 | 151,527 | 142,726 | 138,146 | 134,968 | 109,270 |
| Capacity Resources[3] | 235,485 | 231,123 | 219,749 | 182,861 | 177,231 | 172,485 | 171,530 | 169,760 | 160,575 | 158,360 | 155,016 | 126,196 |
| Capacity Margin (percent)[4] | 15.7 | 15.1 | 15.3 | 16.3 | 16.3 | 10.5 | 15.8 | 10.7 | 11.1 | 12.8 | 12.9 | 13.4 |
| **SPP** | | | | | | | | | | | | |
| Net Internal Demand[2] | 43,056 | 42,266 | 41,079 | 39,383 | 39,428 | 38,298 | 38,807 | 39,056 | 37,807 | 36,402 | 37,009 | 59,017 |
| Capacity Resources[3] | 50,109 | 46,564 | 46,376 | 48,000 | 45,802 | 47,233 | 45,530 | 46,109 | 43,111 | 42,554 | 43,591 | 69,344 |
| Capacity Margin (percent)[4] | 14.1 | 9.2 | 11.4 | 18.0 | 13.9 | 18.9 | 14.8 | 15.3 | 12.3 | 14.5 | 15.1 | 14.9 |
| **WECC (U.S.)** | | | | | | | | | | | | |
| Net Internal Demand[2] | 137,925 | 134,157 | 128,464 | 121,205 | 120,894 | 117,032 | 107,294 | 116,913 | 112,177 | 111,641 | 104,486 | 101,728 |
| Capacity Resources[3] | 169,876 | 169,950 | 160,026 | 155,455 | 150,277 | 142,624 | 124,193 | 141,640 | 136,274 | 135,270 | 135,687 | 135,049 |
| Capacity Margin (percent)[4] | 18.8 | 21.1 | 19.7 | 22.0 | 19.6 | 17.9 | 13.6 | 17.5 | 17.7 | 17.5 | 23.0 | 24.7 |
| **Contiguous U.S.** | | | | | | | | | | | | |
| **Net Internal Demand[2]** | **764,476** | **760,108** | **746,470** | **692,908** | **696,752** | **696,376** | **674,833** | **680,941** | **653,857** | **638,086** | **618,389** | **602,438** |
| **Capacity Resources[3]** | **915,292** | **906,155** | **882,125** | **875,870** | **856,131** | **833,380** | **788,990** | **808,054** | **765,744** | **744,670** | **737,855** | **730,376** |
| **Capacity Margin (percent)[4]** | **16.5** | **16.1** | **15.4** | **20.9** | **18.6** | **16.4** | **14.5** | **15.7** | **14.6** | **14.3** | **16.2** | **17.5** |

[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."