Form EIA-411 for 2009 Released: December 2010 Next Update: December 2011

Table 4b. Summer Historic Net Internal Demand, Capacity Resources, and Capacity Margins by North American Electric Reliability Corporation Region, 2005 throu

(Megawatts and Percent)

		Summer Contiguous U.S.			Eastern Po									
					FRCC			MRO (U.S.)			NPCC (U.S.)			
Year		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)	
	2005	746,470	882,125	15.4	45,950	50,200	8.5	38,266	46,792	18.2	57,402	72,258	20.6	
	2006	760,108	906,155	16.1	43,824	53,171	17.6	41,754	49,792	16.1	59,727	70,607	15.4	
	2007	768,061	946,631	18.9	46,434	53,027	12.4	40,249	47,124	14.6	56,633	74,385	23.9	
	2008	744,151	909,504	18.2	44,660	51,541	13.4	38,857	48,180	19.3	59,896	75,894	21.1	
	2009	713,106	916,449	22.2	46,263	49,239	6.0	35,849	47,529	24.6	55,730	78,639	29.1	

Notes: • Actual data are final. • Historical data series are shown in two files (1990-2004 and 2005+) reflecting the transformation of the NERC regions into the new industry organization entity that oversee electric reliability. • NERC Regional names may be found on the EIA web page for electric reliability.

1./ The Reliability First Corporation value for Net Internal Demand in 2007 is set for total demand per availability of information.

- Regional name and function has changed from Electric Reliability Council of Texas (ERCOT) to Texas Reliability Entity (TRE). The name ERCOT is now associated with regional transmission organization.
- Regional name has changed from Mid-Continent Area Power Pool (MAPP) to Midwest Reliability Organization (MRO).
- The MRO, SERC, and SPP regional boundaries were altered as utilities changed reliability organizations. The historical data series have not been adjusted.
- ECAR, MAAC, and MAIN dissolved at the end-of-2005. Utility membership joined other reliability regional councils.
- Reliability First 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
- 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 winter peak period begins on December 1 and extends through February 28 of the following year. For example, winter 2001 begins December 1, 2001, and extends through February 28, 2002.
- Totals may not equal sum of components because of independent rounding.

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

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ower Grid										Texas Power Grid			Western Power Grid		
RFC			SERC			SPP			TRE (ERCOT)			WECC (U.S.)			
Net Internal Demand (MW)1	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)	Capacity Margin (percent)	
190,200	220,000	13.5	186,049	219,749	15.3	41,079	46,376	11.4	59,060	66,724	11.5	128,464	160,026	19.7	
179,600	213,792	16	196,111	231,123	15.1	42,266	46,564	9.2	62,669	71,156	11.9	134,157	169,950	21.1	
180,063	213,544	15.7	205,321	262,220	21.7	42,459	56,886	25.4	61,063	75,912	19.6	135,839	163,537	16.9	
169,155	215,477	21.5	196,711	228,169	13.8	42,906	48,110	10.8	61,049	74,274	17.8	130,916	167,860	22.0	
161,241	215,700	25.2	186,507	247,400	24.6	41,117	49,194	16.4	63,518	76,280	16.7	122,881	152,467	19.4	