

Table 4. Summer Historic and Projected Net Internal Demand, Capacity Resources, and Capacity Margins by North American Electric Reliability Corporation Region, 2008 and 2009 through 2013 (Megawatts and Percent)

Projected Year Base	Year	Summer											Eastern Power Grid		
		Contiguous U.S.			FRCC			MRO (U.S.)			NPCC (U.S.)			Net Internal Demand (MW) ¹	
		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)		
	2008	744,151	956,581	22.2	44,660	54,875	18.6	38,857	51,545	24.6	59,896	76,180	21.4	169,155	
Projected		Contiguous U.S.			FRCC			MRO (U.S.)			NPCC (U.S.)				
<i>In 2008 for 2009</i>		754,229	935,965	19.4	42,531	51,870	18.0	41,306	50,308	17.9	61,108	76,671	20.3	169,900	
<i>In 2008 for 2010</i>		763,059	954,489	20.1	42,511	53,198	20.1	42,316	49,836	15.1	61,382	75,450	18.6	172,200	
<i>In 2008 for 2011</i>		779,052	978,890	20.4	43,028	54,830	21.5	43,142	50,266	14.2	62,049	79,862	22.3	177,500	
<i>In 2008 for 206</i>		792,778	992,157	20.0	43,944	55,611	21.0	43,845	50,286	12.8	62,707	80,171	21.8	181,500	
<i>In 2008 for 2013</i>		806,630	995,948	19.0	44,697	57,464	22.2	44,482	50,218	11.4	63,226	78,207	19.2	183,900	

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 ReliabilityFirst 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.
- 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.
- 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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d								Texas Power Grid			Western Power Grid		
RFC		SERC			SPP			TRE (ERCOT)			WECC (U.S.)		
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)
215,477	21.5	196,711	241,514	18.6	42,906	57,190	25.0	61,049	80,278	24.0	130,916	179,523	27.1
RFC		SERC			SPP			TRE (ERCOT)			WECC (U.S.)		
215,800	21.3	196,871	244,008	19.3	43,696	50,127	12.8	62,376	72,204	13.6	136,441	174,978	22.0
217,300	20.8	199,621	246,543	19.0	44,279	51,682	14.2	62,941	76,049	17.2	137,739	184,432	25.3
220,100	19.4	204,405	250,917	18.5	45,093	52,415	14.0	64,379	76,714	16.1	139,456	193,787	28.0
219,600	17.3	208,091	254,132	18.1	45,613	53,074	14.1	66,279	77,686	14.7	141,499	201,597	29.8
219,600	16.3	211,900	252,704	16.4	46,153	52,777	13.7	68,284	79,521	14.1	143,988	204,058	29.4

