

Table 4. Summer Historic and Projected Net Internal Demand, Capacity Resources, and Capacity Margins by North American Electric Reliability Corporation Region, 2007 and 2008 through 2012 (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)	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) ¹
	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	180,063
Projected		Contiguous U.S.			FRCC			MRO (U.S.)			NPCC (U.S.)			
	<i>In 2007 for 2008</i>	764,476	954,872	19.9	44,417	53,553	17.1	41,260	48,378	14.7	58,371	72,275	19.2	177,200
	<i>In 2007 for 2009</i>	780,078	988,761	21.1	45,141	55,622	18.8	42,558	51,587	17.5	59,239	74,875	20.9	180,300
	<i>In 2007 for 2010</i>	794,856	1,028,955	22.8	45,980	57,202	19.6	43,508	54,485	20.1	59,532	79,423	25.0	183,900
	<i>In 2007 for 2011</i>	808,902	1,075,335	24.8	47,085	59,312	20.6	44,252	57,164	22.6	60,306	83,496	27.8	186,600
	<i>In 2007 for 2012</i>	822,221	1,106,916	25.7	48,212	59,979	19.6	44,993	61,324	26.6	61,065	84,901	28.1	188,900

Notes: • Actual data are final. • Data shown have been revised to that which was published in the EPA 2007. • Historical data series are shown in two files (1990-2004 and 2005+) reflecting the transfer of 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.

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

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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)
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
RFC		SERC			SPP			TRE (ERCOT)			WECC (U.S.)		
213,806	17.1	198,522	264,659	25.0	43,056	58,514	26.4	63,725	72,503	12.1	137,925	171,184	19.4
219,988	18.0	202,854	266,894	24.0	44,018	63,962	31.2	65,028	81,536	20.2	140,940	174,297	19.1
230,578	20.2	207,110	268,000	22.7	44,902	66,532	32.5	66,422	95,341	30.3	143,502	177,395	19.1
245,359	23.9	211,114	272,831	22.6	45,594	67,042	32.0	67,745	108,725	37.7	146,205	181,407	19.4
255,072	25.9	214,834	276,703	22.4	46,248	67,981	32.0	68,833	116,615	41.0	149,137	184,342	19.1

mation of the NERC regions into the