

**Appendix B**

**Analysis of Firm  
Transportation  
Contracts: Results  
and Methodology**

## Appendix B

# Analysis of Firm Transportation Contracts: Results and Methodology

The analysis of firm transportation contracts in Chapter 2 uses data from the Index of Customers filed with the Federal Energy Regulatory Commission (FERC). The file was posted August 28, 1996, on the FERC Bulletin Board Network and contains data for the April 1, 1996, reporting period. According to the Index of Customers Manual page 2, "Each interstate pipeline regulated by the Commission that provides firm transportation or storage service under Subparts B or G of Part 284 of the Commission's regulations must file this information and post it on its EBB."

The pipeline companies must provide firm transportation contract information on customer names, rate schedules, begin dates, end dates, "rollover" or evergreen days (if any), maximum daily transportation and storage capacity, and units of measurements. The measurements can be reported in thousand cubic feet (Mcf), decatherms (Dth), or million Btu (MMBtu). For this analysis, all values are in MMBtu.

The units of measurement and contract begin and end dates were adjusted for several of the original Index of Customers (IOC) data. Units of measurement that were reported in Mcf were multiplied by 1.03 to convert to units in MMBtu. In this way, all IOC data were converted to equivalent units for the analysis (1 MMBtu equals 1 Dth). In several cases, the contract begin and end dates were adjusted to show the actual expiration of rollover contracts. In some cases, rollover contracts had end dates that preceded April 1, 1996, indicating that the contract was operating on its rollover provision. In order to show the actual contract expiration date, multiples of the rollover days were added to the filed end date until the revised end date occurred after April 1, 1996. Once a revised end date was established, a revised begin date was derived by subtracting the stated rollover days from the revised end date. Thus, this analysis assumes that rollover contracts, which represented 8 percent of the total firm capacity under contract

as of April 1, 1996, will not continue indefinitely into the future.

Once the IOC data were adjusted, the contract level data were used to analyze contract lengths. Then, the contract level data were sorted by pipeline company and grouped into six geographic regions of the United States for other analysis.

The regional divisions of the United States are from the Energy Information Administration report, *Capacity and Service on the Interstate Natural Gas Pipeline System 1990*. Each interstate pipeline company was assigned to a region based on its end-use deliveries. End-use deliveries were derived by adding State-level sales and transportation volumes of residential, commercial, industrial, nonutility power producers, and electric utility gas consumers as reported on Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." The State values for individual pipeline companies were added together to get the regional total for a pipeline company. The pipeline company was then assigned to the region in which it had the largest volume of deliveries to end users.

In addition to pipeline company and regional divisions, data for 1996 were broken down into three types of contracts (rollover, short term, and long term) based upon the newly calculated begin and end dates. If a contract had an end date of 1996 and a rollover amount, it was considered a rollover contract. Short-term contracts were any contracts that had an end date of 1996, no rollover amount, and a term of less than 1 year. Long-term contracts were contracts with end dates of 1996, no rollover amount, and a contract length of 1 year or more.

**Table B1. Summary of FERC Index of Customers Data - Firm Transportation Capacity Under Contract as of April 1, 1996**

Pipeline Company Name	FERC Pipeline Code	Geographic Region	Total Capacity Under Contract as of April 1, 1996	Rollover and Short-Term Capacity Expiring 1996	Long-Term Capacity Expiring 1996	Total Capacity Expiring 1996
Canyon Creek Compression Company	067	CE	225,764	2,000	0	2,000
Colorado Interstate Gas Company	032	CE	2,096,216	96,940	1,343,335	1,440,275
K N Interstate Gas Transmission Co.	053	CE	612,454	381,586	107,731	489,317
Migc, Inc.	047	CE	12,000	0	0	0
Northern Border Pipeline Company	089	CE	1,684,194	0	0	0
Northern Natural Gas Company	059	CE	4,813,245	180,225	264,159	444,384
Questar Pipeline Company	055	CE	1,093,946	134,847	8,349	143,196
Trailblazer Pipeline Company	068	CE	284,271	110,111	50,280	160,391
Williams Natural Gas Company	043	CE	2,697,941	716,097	71,278	787,375
Williston Basin Interstate Pipeline Company	049	CE	427,394	450	6,764	7,214
Wyoming Interstate Company, Ltd.	076	CE	500,000	0	58,000	58,000
<b>Total Central</b>			<b>14,447,425</b>	<b>1,622,256</b>	<b>1,909,896</b>	<b>3,532,152</b>
ANR Pipeline Company	048	MW	4,367,844	28,110	159,924	188,034
Crossroads Pipeline Company	123	MW	91,769	91,769	0	91,769
Great Lakes Gas Transmission Limited Partnership	051	MW	3,895,797	1,229,526	0	1,229,526
Michigan Gas Storage Company	124	MW	2,700,000	2,490,000	0	2,490,000
Mid Louisiana Gas Company	015	MW	130,383	0	67,899	67,899
Midwestern Gas Transmission Company	005	MW	762,090	700	37,800	38,500
Mississippi River Transmission Corporation	025	MW	1,600,841	252,349	192,314	444,663
Natural Gas Pipeline Co. Of America	026	MW	7,113,877	518,506	258,757	777,263
Panhandle Eastern Pipe Line Company	028	MW	2,540,173	88,090	343,525	431,615
Texas Gas Transmission Corporation	018	MW	1,641,239	0	69,267	69,267
Trunkline Gas Company	030	MW	2,059,353	223,632	343,269	566,901
Viking Gas Transmission Company	082	MW	472,401	63,529	4,680	68,209
<b>Total Midwest</b>			<b>27,375,767</b>	<b>4,986,211</b>	<b>1,477,435</b>	<b>6,463,646</b>
Algonquin Gas Transmission Company	020	NE	1,812,309	62,912	182,620	245,532
Carnegie Interstate Pipeline Company	120	NE	85,000	0	0	0
CNG Transmission Corp.	022	NE	4,750,112	120,000	16,600	136,600
Columbia Gas Transmission Corporation	021	NE	8,911,651	225,408	16,243	241,651
Columbia Gulf Transmission Company	070	NE	3,345,481	324,799	686,404	1,011,203
Cove Point Lng Limited Partnership	127	NE	24,000	0	0	0
Equitrans Inc	024	NE	358,798	20,117	0	20,117
Granite State Gas Transmission, Inc.	004	NE	177,367	0	0	0
Iroquois Pipeline Operating Company	110	NE	876846	62624	0	62624
Kentucky West Virginia Gas Co	046	NE	138,442	31,172	0	31,172
National Fuel Gas Supply Corporation	016	NE	1,853,613	9,813	3,743	13,556
Nora Transmission Co	100	NE	35,000	35,000	0	35,000
Tennessee Gas Pipeline Company	009	NE	5,655,492	282,052	74,792	356,844
Texas Eastern Transmission Corporation	017	NE	4,098,907	1,678	9,500	11,178
Transcontinental Gas Pipe Line Corp.	029	NE	5,518,592	400,297	10,000	410,297
<b>Total Northeast</b>			<b>37,641,610</b>	<b>1,575,872</b>	<b>999,902</b>	<b>2,575,774</b>
Alabama-Tennessee Natural Gas Company	001	SE	132,502	205	23,316	23,521
East Tennessee Natural Gas Company	002	SE	598,106	25,083	150	25,233
Florida Gas Transmission Company	034	SE	1,532,921	50,215	15,765	65,980
Mobile Bay Pipeline Company	114	SE	27,885	0	0	0
South Georgia Natural Gas Company	008	SE	114,341	8,941	6,452	15,393
Southern Natural Gas Company	007	SE	2,557,874	178,848	41,289	220,137
<b>Total Southeast</b>			<b>4,963,629</b>	<b>263,292</b>	<b>86,972</b>	<b>350,264</b>
Black Marlin Pipeline Company	088	SW	250,383	26,383	0	26,383
High Island Offshore System	077	SW	215,460	0	194,180	194,180
Koch Gateway Pipeline Company	011	SW	2,370,751	0	0	0
Noram Gas Transmission Company	031	SW	2,729,150	586,091	200,617	786,708
Oktex Pipeline Company	116	SW	33,600	0	0	0
Ozark Gas Transmission System	073	SW	124,333	109,333	0	109,333
Sabine Pipe Line Company	079	SW	185,000	100,000	25,000	125,000
Sea Robin Pipeline Company	006	SW	159,275	10,948	0	10,948
Stingray Pipeline Company	069	SW	167,181	58,450	0	58,450
<b>Total Southwest</b>			<b>6,235,133</b>	<b>891,205</b>	<b>419,797</b>	<b>1,311,002</b>
El Paso Natural Gas Company	033	WE	3,978,504	334,221	24,830	359,051
Kern River Gas Transmission Company	099	WE	730,000	25,000	0	25,000
Mojave Pipeline Company	092	WE	2,681,600	1,396,500	0	1,396,500
Northwest Pipeline Corporation	037	WE	3,533,131	151,033	232,191	383,224
Pacific Gas Transmission Company	086	WE	2,847,102	0	0	0
Pacific Interstate Offshore Company	064	WE	35,000	0	0	0
Paiute Pipeline Company	041	WE	138,780	0	0	0
Riverside Pipeline Company L.P.	128	WE	130,000	0	0	0
Transwestern Pipeline Company	042	WE	2,536,948	614,612	20,000	634,612
Tuscarora Gas Transmission Company	126	WE	106,250	0	0	0
<b>Total West</b>			<b>16,717,315</b>	<b>2,521,366</b>	<b>277,021</b>	<b>2,798,387</b>
<b>Total</b>			<b>107,380,879</b>	<b>11,860,202</b>	<b>5,171,023</b>	<b>17,031,225</b>

**Table B1. Summary of FERC Index of Customers Data - Firm Transportation Capacity Under Contract as of April 1, 1996 (Continued)**

Pipeline Company Name	Total Capacity Expiring 1997	Total Capacity Expiring 1998	Total Capacity Expiring 1999	Total Capacity Expiring 2000	Total Capacity Expiring 2001
Canyon Creek Compression Company	0	0	47,746	0	0
Colorado Interstate Gas Company	44,907	34,171	16,932	61,365	60,000
KN Interstate Gas Transmission Co.	16,670	9,950	0	2,850	16,200
Migc, Inc.	0	0	0	12,000	0
Northern Border Pipeline Company	0	0	0	0	850,541
Northern Natural Gas Company	1,914,625	61,687	10,400	8,248	45,824
Questar Pipeline Company	54,284	50,924	798,902	0	15,700
Trailblazer Pipeline Company	62,400	0	51,940	0	0
Williams Natural Gas Company	70,002	538,694	339,282	0	14,925
Williston Basin Interstate Pipeline Company	410,913	86	0	277	0
Wyoming Interstate Company, Ltd.	5,680	19,320	0	0	0
<b>Total Central</b>	<b>2,579,481</b>	<b>714,832</b>	<b>1,265,202</b>	<b>84,740</b>	<b>1,003,190</b>
ANR Pipeline Company	268,814	123,876	280,416	564,662	24,391
Crossroads Pipeline Company	0	0	0	0	0
Great Lakes Gas Transmission Limited Partnership	176,000	12,000	15,250	252,325	6,716
Michigan Gas Storage Company	0	0	0	0	0
Mid Louisiana Gas Company	0	62,484	0	0	0
Midwestern Gas Transmission Company	1,500	14,355	0	317,742	0
Mississippi River Transmission Corporation	20,624	20,400	825,160	0	0
Natural Gas Pipeline Co. Of America	664,079	2,343,801	323,741	2,378,036	194,291
Panhandle Eastern Pipe Line Company	529,346	342,868	408,055	235,670	4,508
Texas Gas Transmission Corporation	221,104	375,379	157,210	136,663	135,000
Trunkline Gas Company	275,953	161,095	24,816	403,115	35,000
Viking Gas Transmission Company	19,912	55,350	0	256,798	0
<b>Total Midwest</b>	<b>2,177,332</b>	<b>3,511,608</b>	<b>2,034,648</b>	<b>4,545,011</b>	<b>399,906</b>
Algonquin Gas Transmission Company	13,391	0	75,448	91,794	0
Carnegie Interstate Pipeline Company	62,000	10,000	13,000	0	0
CNG Transmission Corp.	8,320	3,070	5,875	0	1,958,340
Columbia Gas Transmission Corporation	50,574	114,177	8,000	3,880	0
Columbia Gulf Transmission Company	188,000	160,288	31,198	1,302	0
Cove Point Lng Limited Partnership	0	0	0	0	0
Equitrans Inc	1,400	0	500	18,288	276,000
Granite State Gas Transmission, Inc.	0	0	0	170,247	0
Iroquois Pipeline Operating Company	20703	21	0	3387	0
Kentucky West Virginia Gas Co	107,270	0	0	0	0
National Fuel Gas Supply Corporation	6,263	0	9,964	12,580	0
Nora Transmission Co	0	0	0	0	0
Tennessee Gas Pipeline Company	176,633	73,461	23,812	3,892,032	14,000
Texas Eastern Transmission Corporation	0	4,234	690,016	454,457	104,313
Transcontinental Gas Pipe Line Corp.	37,900	151,039	93,400	343,925	63,279
<b>Total Northeast</b>	<b>672,454</b>	<b>516,290</b>	<b>951,213</b>	<b>4,991,892</b>	<b>2,415,932</b>
Alabama-Tennessee Natural Gas Company	18,006	35,815	0	42,165	12,995
East Tennessee Natural Gas Company	300	0	0	474,638	0
Florida Gas Transmission Company	7,726	1,000	8,301	422,097	0
Mobile Bay Pipeline Company	0	0	27,885	0	0
South Georgia Natural Gas Company	10,153	0	300	373	0
Southern Natural Gas Company	78,924	676,292	117,209	221,483	13,694
<b>Total Southeast</b>	<b>115,109</b>	<b>713,107</b>	<b>153,695</b>	<b>1,160,756</b>	<b>26,689</b>
Black Marlin Pipeline Company	135,000	0	75,000	14,000	0
High Island Offshore System	0	0	0	21,280	0
Koch Gateway Pipeline Company	683,325	57,979	1,629,447	0	0
Noram Gas Transmission Company	210,602	205,368	35,225	1,126,582	62,600
Oktex Pipeline Company	0	0	17600	0	16000
Ozark Gas Transmission System	15,000	0	0	0	0
Sabine Pipe Line Company	60,000	0	0	0	0
Sea Robin Pipeline Company	108,327	0	0	40,000	0
Stingray Pipeline Company	0	0	0	0	3,893
<b>Total Southwest</b>	<b>1,212,254</b>	<b>263,347</b>	<b>1,757,272</b>	<b>1,201,862</b>	<b>82,493</b>
El Paso Natural Gas Company	1,196,220	0	100,000	148,335	1,023
Kern River Gas Transmission Company	0	0	0	0	0
Mojave Pipeline Company	380,100	200,000	0	0	0
Northwest Pipeline Corporation	11,934	7,250	91,200	0	61,500
Pacific Gas Transmission Company	0	0	0	0	0
Pacific Interstate Offshore Company	0	35,000	0	0	0
Paiute Pipeline Company	0	0	0	0	0
Riverside Pipeline Company L.P.	0	0	0	0	0
Transwestern Pipeline Company	55,400	20,000	0	290,249	60,714
Tuscarora Gas Transmission Company	0	0	0	0	0
<b>Total West</b>	<b>1,643,654</b>	<b>262,250</b>	<b>191,200</b>	<b>438,584</b>	<b>123,237</b>
<b>Total</b>	<b>8,400,284</b>	<b>5,981,434</b>	<b>6,353,230</b>	<b>12,422,845</b>	<b>4,051,447</b>

**Table B1. Summary of FERC Index of Customers Data - Firm Transportation Capacity Under Contract as of April 1, 1996 (Continued)**

Pipeline Company Name	Total Capacity Expiring 2002	Total Capacity Expiring 2003	Total Capacity Expiring 2004	Total Capacity Expiring 2005	Total Capacity Expiring 2006
Canyon Creek Compression Company	176,018	0	0	0	0
Colorado Interstate Gas Company	182,376	48,220	41,520	65,617	10,130
KN Interstate Gas Transmission Co.	6,600	0	0	6,000	0
Migc, Inc.	0	0	0	0	0
Northern Border Pipeline Company	0	172,132	120,032	117,994	29,499
Northern Natural Gas Company	343,730	760,293	41,347	281,249	236,026
Questar Pipeline Company	0	0	0	20,000	0
Trailblazer Pipeline Company	0	9,540	0	0	0
Williams Natural Gas Company	0	2,887	0	25,100	0
Williston Basin Interstate Pipeline Company	0	0	0	443	0
Wyoming Interstate Company, Ltd.	0	0	417,000	0	0
<b>Total Central</b>	<b>708,724</b>	<b>993,072</b>	<b>619,899</b>	<b>516,403</b>	<b>275,655</b>
ANR Pipeline Company	163,766	1,262,694	30,606	33,761	12,000
Crossroads Pipeline Company	0	0	0	0	0
Great Lakes Gas Transmission Limited Partnership	108,000	37,000	84,000	1,400,064	35,815
Michigan Gas Storage Company	0	0	0	0	0
Mid Louisiana Gas Company	0	0	0	0	0
Midwestern Gas Transmission Company	0	0	279,993	110,000	0
Mississippi River Transmission Corporation	159,994	0	0	130,000	0
Natural Gas Pipeline Co. Of America	0	72,000	0	23,408	0
Panhandle Eastern Pipe Line Company	2,298	91,993	87,964	95,000	73,000
Texas Gas Transmission Corporation	0	0	21,450	261,527	229,353
Trunkline Gas Company	336,375	8,073	90,000	0	0
Viking Gas Transmission Company	24,225	0	0	0	0
<b>Total Midwest</b>	<b>794,658</b>	<b>1,471,760</b>	<b>594,013</b>	<b>2,053,760</b>	<b>350,168</b>
Algonquin Gas Transmission Company	77,500	0	34,451	9,261	23,886
Carnegie Interstate Pipeline Company	0	0	0	0	0
CNG Transmission Corp.	764,291	143,654	0	77,215	472,783
Columbia Gas Transmission Corporation	0	42,199	7,900,995	900	26,000
Columbia Gulf Transmission Company	0	10,500	1,842,690	0	0
Cove Point Lng Limited Partnership	0	0	0	0	0
Equitrans Inc	41,485	1,008	0	0	0
Granite State Gas Transmission, Inc.	0	0	0	0	0
Iroquois Pipeline Operating Company	0	0	0	0	21164
Kentucky West Virginia Gas Co	0	0	0	0	0
National Fuel Gas Supply Corporation	76,500	1,303,247	12,162	260,030	6,000
Nora Transmission Co	0	0	0	0	0
Tennessee Gas Pipeline Company	156,888	73,810	161,616	20,495	0
Texas Eastern Transmission Corporation	493,515	200,611	0	36,136	131,079
Transcontinental Gas Pipe Line Corp.	203,050	18,615	348,209	1,456,340	631,115
<b>Total Northeast</b>	<b>1,813,229</b>	<b>1,793,644</b>	<b>10,300,123</b>	<b>1,860,377</b>	<b>1,312,027</b>
Alabama-Tennessee Natural Gas Company	0	0	0	0	0
East Tennessee Natural Gas Company	0	0	0	0	0
Florida Gas Transmission Company	0	12,203	14,557	400,459	216
Mobile Bay Pipeline Company	0	0	0	0	0
South Georgia Natural Gas Company	15,178	250	35,000	25,817	0
Southern Natural Gas Company	15,270	176,403	43,254	51,356	145,143
<b>Total Southeast</b>	<b>30,448</b>	<b>188,856</b>	<b>92,811</b>	<b>477,632</b>	<b>145,359</b>
Black Marlin Pipeline Company	0	0	0	0	0
High Island Offshore System	0	0	0	0	0
Koch Gateway Pipeline Company	0	0	0	0	0
Noram Gas Transmission Company	89,115	40,950	0	157,500	0
Oktex Pipeline Company	0	0	0	0	0
Ozark Gas Transmission System	0	0	0	0	0
Sabine Pipe Line Company	0	0	0	0	0
Sea Robin Pipeline Company	0	0	0	0	0
Stingray Pipeline Company	0	0	104,838	0	0
<b>Total Southwest</b>	<b>89,115</b>	<b>40,950</b>	<b>104,838</b>	<b>157,500</b>	<b>0</b>
El Paso Natural Gas Company	0	0	0	306,900	1,176,450
Kern River Gas Transmission Company	0	0	0	0	0
Mojave Pipeline Company	0	0	17,500	547,500	0
Northwest Pipeline Corporation	0	0	934,820	7,000	141,900
Pacific Gas Transmission Company	0	0	0	999,620	259,800
Pacific Interstate Offshore Company	0	0	0	0	0
Paiute Pipeline Company	0	138,780	0	0	0
Riverside Pipeline Company L.P.	0	0	0	0	0
Transwestern Pipeline Company	10,000	2,692	0	963,281	30,000
Tuscarora Gas Transmission Company	0	0	0	0	0
<b>Total West</b>	<b>10,000</b>	<b>141,472</b>	<b>952,320</b>	<b>2,824,301</b>	<b>1,608,150</b>
<b>Total</b>	<b>3,446,174</b>	<b>4,629,754</b>	<b>12,664,004</b>	<b>7,889,973</b>	<b>3,691,359</b>

**Table B1. Summary of FERC Index of Customers Data - Firm Transportation Capacity Under Contract as of April 1, 1996 (Continued)**

Pipeline Company Name	Total Capacity Expiring 2007	Total Capacity Expiring 2008	Total Capacity Expiring 2009	Total Capacity Expiring 2010	Total Capacity Expiring 2011
Canyon Creek Compression Company	0	0	0	0	0
Colorado Interstate Gas Company	13,051	38,952	24,100	6,000	8,600
KN Interstate Gas Transmission Co.	0	0	0	64,867	0
Migc, Inc.	0	0	0	0	0
Northern Border Pipeline Company	59,085	112,590	47,347	135,565	0
Northern Natural Gas Company	589,912	1,300	9,220	30,000	35,000
Questar Pipeline Company	10,177	0	0	0	763
Trailblazer Pipeline Company	0	0	0	0	0
Williams Natural Gas Company	0	7,852	0	198	0
Williston Basin Interstate Pipeline Company	0	0	0	0	0
Wyoming Interstate Company, Ltd.	0	0	0	0	0
<b>Total Central</b>	<b>672,225</b>	<b>160,694</b>	<b>80,667</b>	<b>236,630</b>	<b>44,363</b>
ANR Pipeline Company	12,822	526,993	35,958	33,115	470,760
Crossroads Pipeline Company	0	0	0	0	0
Great Lakes Gas Transmission Limited Partnership	0	213,500	0	15,000	85,000
Michigan Gas Storage Company	0	0	0	0	0
Mid Louisiana Gas Company	0	0	0	0	0
Midwestern Gas Transmission Company	0	0	0	0	0
Mississippi River Transmission Corporation	0	0	0	0	0
Natural Gas Pipeline Co. Of America	200,000	106,000	31,258	0	0
Panhandle Eastern Pipe Line Company	0	0	0	0	0
Texas Gas Transmission Corporation	34,272	0	0	0	14
Trunkline Gas Company	31,050	0	0	0	0
Viking Gas Transmission Company	0	47,400	0	507	0
<b>Total Midwest</b>	<b>278,144</b>	<b>893,893</b>	<b>67,216</b>	<b>48,622</b>	<b>555,774</b>
Algonquin Gas Transmission Company	0	40,000	132,929	37,192	221,400
Carnegie Interstate Pipeline Company	0	0	0	0	0
CNG Transmission Corp.	118,687	294,213	11,100	45,850	187,438
Columbia Gas Transmission Corporation	0	61,699	106,189	102,097	84,500
Columbia Gulf Transmission Company	0	12,027	62,089	4,601	21,583
Cove Point Lng Limited Partnership	0	0	0	0	0
Equitrans Inc	0	0	0	0	0
Granite State Gas Transmission, Inc.	0	0	0	0	0
Iroquois Pipeline Operating Company	0	0	16995	0	143273
Kentucky West Virginia Gas Co	0	0	0	0	0
National Fuel Gas Supply Corporation	112,558	5,816	0	0	0
Nora Transmission Co	0	0	0	0	0
Tennessee Gas Pipeline Company	28,300	0	0	65,096	134,150
Texas Eastern Transmission Corporation	18,000	140,000	79,120	92,306	29,000
Transcontinental Gas Pipe Line Corp.	107,427	53,648	224,000	595,546	30,050
<b>Total Northeast</b>	<b>384,972</b>	<b>607,403</b>	<b>632,422</b>	<b>942,688</b>	<b>851,394</b>
Alabama-Tennessee Natural Gas Company	0	0	0	0	0
East Tennessee Natural Gas Company	0	0	0	19,973	0
Florida Gas Transmission Company	50,651	0	0	0	0
Mobile Bay Pipeline Company	0	0	0	0	0
South Georgia Natural Gas Company	11,877	0	0	0	0
Southern Natural Gas Company	270,699	392,870	13,000	0	0
<b>Total Southeast</b>	<b>333,227</b>	<b>392,870</b>	<b>13,000</b>	<b>19,973</b>	<b>0</b>
Black Marlin Pipeline Company	0	0	0	0	0
High Island Offshore System	0	0	0	0	0
Koch Gateway Pipeline Company	0	0	0	0	0
Noram Gas Transmission Company	0	0	0	0	0
Oktex Pipeline Company	0	0	0	0	0
Ozark Gas Transmission System	0	0	0	0	0
Sabine Pipe Line Company	0	0	0	0	0
Sea Robin Pipeline Company	0	0	0	0	0
Stingray Pipeline Company	0	0	0	0	0
<b>Total Southwest</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
El Paso Natural Gas Company	690,525	0	0	0	0
Kern River Gas Transmission Company	705,000	0	0	0	0
Mojave Pipeline Company	140,000	0	0	0	0
Northwest Pipeline Corporation	102,037	525,045	269,761	153,175	0
Pacific Gas Transmission Company	0	0	15,708	0	20,000
Pacific Interstate Offshore Company	0	0	0	0	0
Paiute Pipeline Company	0	0	0	0	0
Riverside Pipeline Company L.P.	0	0	130,000	0	0
Transwestern Pipeline Company	470,000	0	0	0	0
Tuscarora Gas Transmission Company	0	0	0	0	0
<b>Total West</b>	<b>2,107,562</b>	<b>525,045</b>	<b>415,469</b>	<b>153,175</b>	<b>20,000</b>
<b>Total</b>	<b>3,776,130</b>	<b>2,579,905</b>	<b>1,208,774</b>	<b>1,401,088</b>	<b>1,471,531</b>

**Table B1. Summary of FERC Index of Customers Data - Firm Transportation Capacity Under Contract as of April 1, 1996 (Continued)**

Pipeline Company Name	Total Capacity Expiring 2012	Total Capacity Expiring 2013	Total Capacity Expiring 2014	Total Capacity Expiring 2015	Total Capacity Expiring 2016
Canyon Creek Compression Company	0	0	0	0	0
Colorado Interstate Gas Company	0	0	0	0	0
KN Interstate Gas Transmission Co.	0	0	0	0	0
Migc, Inc.	0	0	0	0	0
Northern Border Pipeline Company	39,409	0	0	0	0
Northern Natural Gas Company	0	0	0	0	0
Questar Pipeline Company	0	0	0	0	0
Trailblazer Pipeline Company	0	0	0	0	0
Williams Natural Gas Company	0	908,214	0	3,412	0
Williston Basin Interstate Pipeline Company	8,000	461	0	0	0
Wyoming Interstate Company, Ltd.	0	0	0	0	0
<b>Total Central</b>	<b>47,409</b>	<b>908,675</b>	<b>0</b>	<b>3,412</b>	<b>0</b>
ANR Pipeline Company	0	106,276	207,900	0	0
Crossroads Pipeline Company	0	0	0	0	0
Great Lakes Gas Transmission Limited Partnership	0	57,398	0	168,203	0
Michigan Gas Storage Company	0	0	0	0	0
Mid Louisiana Gas Company	0	0	0	0	0
Midwestern Gas Transmission Company	0	0	0	0	0
Mississippi River Transmission Corporation	0	0	0	0	0
Natural Gas Pipeline Co. Of America	0	0	0	0	0
Panhandle Eastern Pipe Line Company	0	10,450	38,315	50,093	138,998
Texas Gas Transmission Corporation	0	0	0	0	0
Trunkline Gas Company	0	99,672	27,303	0	0
Viking Gas Transmission Company	0	0	0	0	0
<b>Total Midwest</b>	<b>0</b>	<b>273,796</b>	<b>273,518</b>	<b>218,296</b>	<b>138,998</b>
Algonquin Gas Transmission Company	584,857	37,455	29,758	95,455	62,000
Carnegie Interstate Pipeline Company	0	0	0	0	0
CNG Transmission Corp.	112,500	98,233	17,200	26,200	0
Columbia Gas Transmission Corporation	55,000	0	113,790	0	0
Columbia Gulf Transmission Company	0	0	0	0	0
Cove Point Lng Limited Partnership	0	0	0	0	24,000
Equitrans Inc	0	0	0	0	0
Granite State Gas Transmission, Inc.	7,120	0	0	0	0
Iroquois Pipeline Operating Company	490229	61800	56650	0	0
Kentucky West Virginia Gas Co	0	0	0	0	0
National Fuel Gas Supply Corporation	0	16,837	18,100	0	0
Nora Transmission Co	0	0	0	0	0
Tennessee Gas Pipeline Company	284,263	104,080	61,500	11,947	0
Texas Eastern Transmission Corporation	1,044,194	123,866	98,181	132,905	183,321
Transcontinental Gas Pipe Line Corp.	414,648	161,326	46,691	127,287	800
<b>Total Northeast</b>	<b>2,992,811</b>	<b>603,597</b>	<b>441,870</b>	<b>393,794</b>	<b>270,121</b>
Alabama-Tennessee Natural Gas Company	0	0	0	0	0
East Tennessee Natural Gas Company	44,193	15,079	0	16,115	0
Florida Gas Transmission Company	10,603	0	0	445,512	70,916
Mobile Bay Pipeline Company	0	0	0	0	0
South Georgia Natural Gas Company	0	0	0	0	0
Southern Natural Gas Company	20,000	0	0	100,000	0
<b>Total Southeast</b>	<b>74,796</b>	<b>15,079</b>	<b>0</b>	<b>561,627</b>	<b>70,916</b>
Black Marlin Pipeline Company	0	0	0	0	0
High Island Offshore System	0	0	0	0	0
Koch Gateway Pipeline Company	0	0	0	0	0
Noram Gas Transmission Company	14,500	0	0	0	0
Oktex Pipeline Company	0	0	0	0	0
Ozark Gas Transmission System	0	0	0	0	0
Sabine Pipe Line Company	0	0	0	0	0
Sea Robin Pipeline Company	0	0	0	0	0
Stingray Pipeline Company	0	0	0	0	0
<b>Total Southwest</b>	<b>14,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
El Paso Natural Gas Company	0	0	0	0	0
Kern River Gas Transmission Company	0	0	0	0	0
Mojave Pipeline Company	0	0	0	0	0
Northwest Pipeline Corporation	243,467	259,044	77,595	206,123	38,056
Pacific Gas Transmission Company	0	7,158	0	290,795	44,700
Pacific Interstate Offshore Company	0	0	0	0	0
Paiute Pipeline Company	0	0	0	0	0
Riverside Pipeline Company L.P.	0	0	0	0	0
Transwestern Pipeline Company	0	0	0	0	0
Tuscarora Gas Transmission Company	0	0	0	106,250	0
<b>Total West</b>	<b>243,467</b>	<b>266,202</b>	<b>77,595</b>	<b>603,168</b>	<b>82,756</b>
<b>Total</b>	<b>3,372,983</b>	<b>2,067,349</b>	<b>792,983</b>	<b>1,780,297</b>	<b>562,791</b>

**Table B1. Summary of FERC Index of Customers Data - Firm Transportation Capacity Under Contract as of April 1, 1996 (Continued)**

Pipeline Company Name	Total Capacity Expiring 2017	Total Capacity Expiring 2018	Total Capacity Expiring 2019	Total Capacity Expiring 2020	Total Capacity Expiring 2021
Canyon Creek Compression Company	0	0	0	0	0
Colorado Interstate Gas Company	0	0	0	0	0
KN Interstate Gas Transmission Co.	0	0	0	0	0
Migc, Inc.	0	0	0	0	0
Northern Border Pipeline Company	0	0	0	0	0
Northern Natural Gas Company	0	0	0	0	0
Questar Pipeline Company	0	0	0	0	0
Trailblazer Pipeline Company	0	0	0	0	0
Williams Natural Gas Company	0	0	0	0	0
Williston Basin Interstate Pipeline Company	0	0	0	0	0
Wyoming Interstate Company, Ltd.	0	0	0	0	0
<b>Total Central</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
ANR Pipeline Company	0	0	0	0	0
Crossroads Pipeline Company	0	0	0	0	0
Great Lakes Gas Transmission Limited Partnership	0	0	0	0	0
Michigan Gas Storage Company	0	0	0	0	0
Mid Louisiana Gas Company	0	0	0	0	0
Midwestern Gas Transmission Company	0	0	0	0	0
Mississippi River Transmission Corporation	0	0	0	0	0
Natural Gas Pipeline Co. Of America	0	0	0	0	0
Panhandle Eastern Pipe Line Company	0	0	0	0	0
Texas Gas Transmission Corporation	0	0	0	0	0
Trunkline Gas Company	0	0	0	0	0
Viking Gas Transmission Company	0	0	0	0	0
<b>Total Midwest</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Algonquin Gas Transmission Company	0	0	0	0	0
Carnegie Interstate Pipeline Company	0	0	0	0	0
CNG Transmission Corp.	268,543	0	0	0	0
Columbia Gas Transmission Corporation	0	0	0	0	0
Columbia Gulf Transmission Company	0	0	0	0	0
Cove Point Lng Limited Partnership	0	0	0	0	0
Equitrans Inc	0	0	0	0	0
Granite State Gas Transmission, Inc.	0	0	0	0	0
Iroquois Pipeline Operating Company	0	0	0	0	0
Kentucky West Virginia Gas Co	0	0	0	0	0
National Fuel Gas Supply Corporation	0	0	0	0	0
Nora Transmission Co	0	0	0	0	0
Tennessee Gas Pipeline Company	14,000	0	0	2,565	0
Texas Eastern Transmission Corporation	32,475	0	0	0	0
Transcontinental Gas Pipe Line Corp.	0	0	0	0	0
<b>Total Northeast</b>	<b>315,018</b>	<b>0</b>	<b>0</b>	<b>2,565</b>	<b>0</b>
Alabama-Tennessee Natural Gas Company	0	0	0	0	0
East Tennessee Natural Gas Company	0	0	0	2,575	0
Florida Gas Transmission Company	22,700	0	0	0	0
Mobile Bay Pipeline Company	0	0	0	0	0
South Georgia Natural Gas Company	0	0	0	0	0
Southern Natural Gas Company	0	0	0	0	0
<b>Total Southeast</b>	<b>22,700</b>	<b>0</b>	<b>0</b>	<b>2,575</b>	<b>0</b>
Black Marlin Pipeline Company	0	0	0	0	0
High Island Offshore System	0	0	0	0	0
Koch Gateway Pipeline Company	0	0	0	0	0
Noram Gas Transmission Company	0	0	0	0	0
Oktex Pipeline Company	0	0	0	0	0
Ozark Gas Transmission System	0	0	0	0	0
Sabine Pipe Line Company	0	0	0	0	0
Sea Robin Pipeline Company	0	0	0	0	0
Stingray Pipeline Company	0	0	0	0	0
<b>Total Southwest</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
El Paso Natural Gas Company	0	0	0	0	0
Kern River Gas Transmission Company	0	0	0	0	0
Mojave Pipeline Company	0	0	0	0	0
Northwest Pipeline Corporation	0	0	0	0	0
Pacific Gas Transmission Company	0	0	0	0	0
Pacific Interstate Offshore Company	0	0	0	0	0
Paiute Pipeline Company	0	0	0	0	0
Riverside Pipeline Company L.P.	0	0	0	0	0
Transwestern Pipeline Company	0	0	0	0	0
Tuscarora Gas Transmission Company	0	0	0	0	0
<b>Total West</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total</b>	<b>337,718</b>	<b>0</b>	<b>0</b>	<b>5,140</b>	<b>0</b>



**Table B1. Summary of FERC Index of Customers Data - Firm Transportation Capacity Under Contract as of April 1, 1996 (Continued)**

Pipeline Company Name	Total Capacity Expiring 2022	Total Capacity Expiring 2023	Total Capacity Expiring 2024	Total Capacity Expiring 2025
Canyon Creek Compression Company	0	0	0	0
Colorado Interstate Gas Company	0	0	0	0
K N Interstate Gas Transmission Co.	0	0	0	0
Migc, Inc.	0	0	0	0
Northern Border Pipeline Company	0	0	0	0
Northern Natural Gas Company	0	0	0	0
Questar Pipeline Company	0	0	0	0
Trailblazer Pipeline Company	0	0	0	0
Williams Natural Gas Company	0	0	0	0
Williston Basin Interstate Pipeline Company	0	0	0	0
Wyoming Interstate Company, Ltd.	0	0	0	0
<b>Total Central</b>	0	0	0	0
ANR Pipeline Company	0	0	0	21,000
Crossroads Pipeline Company	0	0	0	0
Great Lakes Gas Transmission Limited Partnership	0	0	0	0
Michigan Gas Storage Company	0	210,000	0	0
Mid Louisiana Gas Company	0	0	0	0
Midwestern Gas Transmission Company	0	0	0	0
Mississippi River Transmission Corporation	0	0	0	0
Natural Gas Pipeline Co. Of America	0	0	0	0
Panhandle Eastern Pipe Line Company	0	0	0	0
Texas Gas Transmission Corporation	0	0	0	0
Trunkline Gas Company	0	0	0	0
Viking Gas Transmission Company	0	0	0	0
<b>Total Midwest</b>	0	210,000	0	21,000
Algonquin Gas Transmission Company	0	0	0	0
Carnegie Interstate Pipeline Company	0	0	0	0
CNG Transmission Corp.	0	0	0	0
Columbia Gas Transmission Corporation	0	0	0	0
Columbia Gulf Transmission Company	0	0	0	0
Cove Point Lng Limited Partnership	0	0	0	0
Equitrans Inc	0	0	0	0
Granite State Gas Transmission, Inc.	0	0	0	0
Iroquois Pipeline Operating Company	0	0	0	0
Kentucky West Virginia Gas Co	0	0	0	0
National Fuel Gas Supply Corporation	0	0	0	0
Nora Transmission Co	0	0	0	0
Tennessee Gas Pipeline Company	0	0	0	0
Texas Eastern Transmission Corporation	0	0	0	0
Transcontinental Gas Pipe Line Corp.	0	0	0	0
<b>Total Northeast</b>	0	0	0	0
Alabama-Tennessee Natural Gas Company	0	0	0	0
East Tennessee Natural Gas Company	0	0	0	0
Florida Gas Transmission Company	0	0	0	0
Mobile Bay Pipeline Company	0	0	0	0
South Georgia Natural Gas Company	0	0	0	0
Southern Natural Gas Company	0	2,140	0	0
<b>Total Southeast</b>	0	2,140	0	0
Black Marlin Pipeline Company	0	0	0	0
High Island Offshore System	0	0	0	0
Koch Gateway Pipeline Company	0	0	0	0
Noram Gas Transmission Company	0	0	0	0
Oktex Pipeline Company	0	0	0	0
Ozark Gas Transmission System	0	0	0	0
Sabine Pipe Line Company	0	0	0	0
Sea Robin Pipeline Company	0	0	0	0
Stingray Pipeline Company	0	0	0	0
<b>Total Southwest</b>	0	0	0	0
El Paso Natural Gas Company	0	0	0	0
Kern River Gas Transmission Company	0	0	0	0
Mojave Pipeline Company	0	0	0	0
Northwest Pipeline Corporation	0	0	0	20,000
Pacific Gas Transmission Company	0	1,124,421	0	84,900
Pacific Interstate Offshore Company	0	0	0	0
Paiute Pipeline Company	0	0	0	0
Riverside Pipeline Company L.P.	0	0	0	0
Transwestern Pipeline Company	0	0	0	0
Tuscarora Gas Transmission Company	0	0	0	0
<b>Total West</b>	0	1,124,421	0	104,900
<b>Total</b>	0	1,336,561	0	125,900