

Appendix C

Changes in Natural Gas Markets

This appendix presents several State summary data tables that detail energy use profiles of the geographic regions covered in this report and the availability of supplemental natural gas supplies. These tables supplement the regional tables in Chapter 5, "Deliverability to Markets."

The first table, Table C1, "Regional Weather and Gas Storage Profile," provides some basic data regarding the relative seasonal temperature variation among States (a key determinant of natural gas demand) and levels of underground and liquefied natural gas (LNG) storage. How much gas can be delivered from storage facilities and is available to the pipeline network during peak periods are crucial factors in analyzing the ability of the pipeline system to support estimated consumer requirements.

The second table, Table C2, "Regional and State Energy Profile Comparison of Annual Average Change," shows total energy consumption patterns for each of the lower 48 States, in particular how the use of natural gas increased (decreased) relative to all other fuel types between 1990 and 1995. The third table, Table C3, "Regional and State Natural Gas Customer Market Share Changes," illustrates how the use of natural gas among the various natural gas customer sectors within each State has changed since 1990.

These changes reflect the shifts in consumption patterns that have occurred as a result of market restructuring at both the national and local levels. They also reflect changes in market demand as a result of changes in a State's economic profile during the past several years.

Lastly, Table C4, "Regional and State Natural Gas Customers, Average Annual Growth" supplements Table C3 by providing data on the number of natural gas consumers for each end-use sector in 1996 and the average annual growth rate from 1990 through 1996. The change in these factors underlies the level and magnitude of the movements reflected in the market shares for natural gas customer groups.

Most of the annual data used to compile the annual average rates of change shown in these tables may be found in the following Energy Information Administration publications: the *Natural Gas Annual*, the *Electric Power Annual*, or the *State Energy Data Report (SEDS)*. While the period of comparison, for the most part, was for the years 1990 through 1996, in some instances data were not yet available for 1996. Specifically, the SEDS data, which tabulate all annual energy use data on a common (Btu) basis, are not compiled until all individual fuel data are verified and complete; they were available only through 1995 when this report was prepared.

Table C1. Regional Weather and Gas Storage Profile, 1996

Region	Number of Interstate Pipelines Operating in State	Normal Heating Degree Days (1960-1990)	Weather Ranking Among States (1 = Coldest)	Natural Gas Underground Storage - 1996								LNG Peaking Supplies 1996	
				Working Gas Capacity (MMcf)	Total (MMcf/d)	Peak-Day Withdrawal Capability (Deliverability)							
						From Conventional Storage (percent)	From High-Deliverability Storage (percent)	Percent Interstate Pipeline Operated	Percent Operated by Independents	Percent LDC Owned and Operated	Capacity (MMcf)	Peak-Day Support (MMcf/d)	
Region	Number of Interstate Pipelines Operating in State	Normal Heating Degree Days (1960-1990)	Weather Ranking Among States (1 = Coldest)	Working Gas Capacity (MMcf)	Total (MMcf/d)	From Conventional Storage (percent)	From High-Deliverability Storage (percent)	Percent Interstate Pipeline Operated	Percent Operated by Independents	Percent LDC Owned and Operated	Capacity (MMcf)	Peak-Day Support (MMcf/d)	LNG Peaking Supplies 1996
Central													
Colorado	9	7,123	10	52,261	1,112	100	0	76	0	23	--	--	
Iowa	4	6,932	12	74,100	1,000	100	0	100	0	0	3,843	364	
Kansas	9	4,988	29	109,291	2,409	93	7	88	8	4	--	--	
Missouri	8	5,091	28	9,526	350	100	0	0	0	100	--	--	
Montana	5	8,260	3	207,622	283	100	0	40	0	60	--	--	
Nebraska	6	6,435	15	7,962	101	100	0	100	0	0	1,078	52	
North Dakota	3	9,481	1	--	--	--	--	--	--	--	--	--	
South Dakota	3	7,714	7	--	--	--	--	--	--	--	--	--	
Utah	4	6,555	14	59,880	520	100	0	99	0	1	--	--	
Wyoming	6	8,023	4	45,251	261	100	0	86	0	14	--	--	
Total	21	7,061	1	565,894	6,037	97	3	81	3	16	4,921	416	
Midwest													
Illinois	9	6,175	17	246,771	6,435	100	0	29	0	71	1,063	259	
Indiana	7	5,871	23	41,034	757	100	0	17	0	83	10,287	797	
Michigan	6	6,823	13	633,912	11,964	99	1	33	13	54	--	--	
Minnesota	5	8,771	2	2,377	60	100	0	0	0	100	5,412	1,520	
Ohio	9	5,897	21	206,379	4,782	100	0	40	0	60	--	--	
Wisconsin	5	7,665	8	--	--	--	--	--	--	--	960	109	
Total	17	6,867	2	1,130,475	24,000	99	1	33	6	61	17,722	2,685	
Northeast													
Connecticut	3	6,146	18	--	--	--	--	--	--	--	2,394	130	
Delaware	3	4,784	31	--	--	--	--	--	--	--	265	43	
Maine	1	7,945	6	--	--	--	--	--	--	--	14	48	
Maryland/DC	5	4,811	30	15,322	306	100	0	100	0	0	1,055	215	
Massachusetts	3	6,322	16	--	--	--	--	--	--	--	11,559	952	
New Hampshire	1	7,599	9	--	--	--	--	--	--	--	400	50	
New Jersey	5	5,424	25	--	--	--	--	--	--	--	8,822	736	
New York	12	5,943	20	82,889	1,094	92	8	83	9	8	3,399	524	
Pennsylvania	9	5,881	22	378,016	7,022	100	0	94	0	6	625	540	
Rhode Island	2	5,968	19	--	--	--	--	--	--	--	2,324	128	
Vermont	2	7,979	5	--	--	--	--	--	--	--	--	--	
Virginia	4	4,327	34	1,930	55	27	73	72	28	0	922	393	
West Virginia	5	5,250	27	191,684	3,223	100	0	96	0	4	--	--	
Total	15	6,029	3	669,842	11,701	98	2	94	0	6	31,765	3,759	
Southeast													
Alabama	9	2,828	40	2,090	260	0	100	0	0	100	2,207	344	
Florida	3	720	48	--	--	--	--	--	--	--	--	--	
Georgia	4	2,788	41	--	--	--	--	--	--	--	10,756	1,122	
Kentucky	9	4,544	33	113,467	1,725	100	0	67	1	32	--	--	
Mississippi	14	2,510	44	56,860	3,220	32	68	77	20	3	--	--	
North Carolina	1	3,481	38	--	--	--	--	--	--	--	6,391	701	
South Carolina	2	2,743	42	--	--	--	--	--	--	--	1,296	162	
Tennessee	9	3,954	36	1,300	15	100	0	0	100	0	4,394	512	
Total	18	2,946	6	173,717	5,220	53	47	70	13	17	25,044	2,841	
Southwest													
Arkansas	10	3,327	39	19,820	239	100	0	0	0	100	188	57	
Louisiana	21	1,794	47	290,110	5,853	69	31	76	14	10	6,300	600	
New Mexico	4	4,756	32	71,958	314	100	0	79	0	21	--	--	
Oklahoma	12	3,571	37	156,737	2,742	100	0	47	9	43	--	--	
Texas	29	2,035	46	443,906	11,351	42	58	17	42	41	100	12	
Total	35	3,096	5	982,532	20,500	59	41	38	29	33	6,588	669	
Western													
Arizona	2	2,313	45	--	--	--	--	--	--	--	--	--	
California	8	2,703	43	222,276	6,470	100	0	0	0	100	700	150	
Idaho	2	6,935	11	--	--	--	--	--	--	--	639	52	
Nevada	4	4,263	35	--	--	--	--	--	--	--	1,160	162	
Oregon	2	5,255	26	6,726	100	100	0	0	0	100	1,736	190	
Washington	4	5,637	24	15,203	550	100	0	0	0	100	2,545	257	
Total	10	4,517	4	244,206	7,120	100	0	0	0	100	6,780	811	
U.S.Total	--	--	--	3,766,666	74,578	85	15	70	13	17	92,820	11,181	

MMcf/d = Million cubic feet per day. LDC = Local distribution company. -- = Not applicable.

Sources: **Normal Heating Degree Days:** U.S. Department of Commerce, National Oceanic and Atmospheric Administration, "State Regional, and National Monthly and Seasonal Heating Degree Days Weighted by Population." **Natural Gas Underground Storage:** Energy Information Administration (EIA), Form EIA-191, "Underground Gas Storage Report." **Liquefied Natural Gas (LNG):** EIAGIS-NG Geographic Information System, LNG Database, as of December 1997.

Table C2. Regional and State Energy Profile Comparison of Annual Average Change, 1990-1995

Region / State	Population		Overall Energy Consumption			Natural Gas Consumption				Natural Gas Production (1996) as a Ratio of Consumption
	Millions in 1995 (estimated)	Percent Annual Change	Quantity 1995 (trillion Btu)	U.S. Ranking 1995	Percent Annual Change	As Percent of Total Energy Consumed	Quantity 1995 (trillion Btu)	U.S. Ranking (Percent Gas to Total)	Percent Annual Change	
Central										
Colorado	3,823	4.6	1,075	26	3.3	27	289	20	3.8	2.02
Iowa	2,852	0.8	1,067	27	3.3	25	264	24	3.4	0.00
Kansas	2,572	1.1	1,041	31	0.9	36	369	16	4.4	2.21
Missouri	5,359	1.4	1,663	20	2.0	17	281	21	3.0	0.00
Montana	879	2.9	379	42	1.7	16	60	43	4.9	0.85
Nebraska	1,652	1.4	580	36	2.2	23	134	36	3.6	0.01
North Dakota	644	0.3	350	43	2.6	14	48	44	8.3	1.33
South Dakota	732	1.5	236	46	2.8	15	35	45	5.5	0.04
Utah	2,000	4.6	638	35	2.1	26	167	31	3.8	1.79
Wyoming	481	1.8	405	41	0.6	26	104	39	3.0	8.05
Total	20,995	2.1	7,435	6	2.1	24	1,749	6	3.8	1.39
Midwest										
Illinois	11,847	1.0	3,804	7	0.8	29	1,100	5	2.2	0.00
Indiana	5,841	1.5	2,592	10	0.7	21	542	11	3.5	0.00
Michigan	9,594	0.9	3,157	9	0.8	31	987	6	3.2	0.26
Minnesota	4,658	1.9	1,622	21	2.2	22	358	17	3.0	0.00
Ohio	11,173	0.8	4,038	3	1.0	23	930	7	3.0	0.13
Wisconsin	5,160	1.6	1,749	19	2.4	22	385	13	3.8	0.00
Total	48,272	1.2	16,963	3	1.1	25	4,302	2	2.9	0.08
Northeast										
Connecticut	3,274	-0.1	786	34	0.9	17	136	35	5.3	0.00
Delaware	725	2.5	264	45	2.2	24	63	42	6.1	0.00
Maine	1,243	0.3	513	39	1.3	1	6	48	4.1	0.00
Maryland/DC	5,615	1.2	1,490	23	0.8	16	232	27	1.7	0.00
Massachusetts	6,092	0.4	1,494	22	1.1	25	372	15	6.8	0.00
New Hampshire	1,162	1.4	285	44	0.6	7	20	46	8.8	0.00
New Jersey	7,988	1.0	2,543	11	2.6	24	611	9	8.6	0.00
New York	18,185	0.3	3,913	4	0.6	30	1,172	4	4.1	0.02
Pennsylvania	12,056	0.4	3,886	5	1.2	19	747	8	2.0	0.19
Rhode Island	990	-0.4	235	47	5.1	31	72	40	21.4	0.00
Vermont	589	1.3	150	48	2.6	5	7	47	2.2	0.00
Virginia	6,675	2.2	2,056	15	1.4	12	255	25	6.3	0.21
West Virginia	1,826	0.5	819	33	-0.1	19	157	32	4.8	1.19
Total	66,421	0.7	18,433	1	1.2	21	3,850	3	4.9	0.10
Southeast										
Alabama	4,273	1.6	1,933	17	2.3	17	331	18	4.4	1.68
Florida	14,400	3.2	3,519	8	1.9	15	533	12	3.6	0.01
Georgia	7,353	3.9	2,512	12	2.3	15	380	14	2.5	0.00
Kentucky	3,884	1.5	1,770	18	3.6	14	246	26	3.7	0.35
Mississippi	2,716	1.6	1,059	29	1.1	28	296	19	0.5	0.35
North Carolina	7,323	3.1	2,328	13	2.3	9	209	30	4.0	0.00
South Carolina	3,699	1.7	1,401	24	1.9	11	156	33	2.7	0.00
Tennessee	5,320	2.6	1,975	16	1.8	13	265	23	2.8	0.01
Total	48,967	2.7	16,497	4	2.2	15	2,415	5	2.9	0.28
Southwest										
Arkansas	2,510	2.0	998	32	3.0	28	277	22	1.6	0.78
Louisiana	4,351	0.9	3,814	6	1.4	47	1,778	3	0.8	3.28
New Mexico	1,713	3.8	575	37	-0.4	38	219	29	-3.3	10.98
Oklahoma	3,301	1.4	1,360	25	0.1	43	580	10	-1.4	2.73
Texas	19,128	3.7	10,512	1	1.3	38	3,943	1	0.4	1.57
Total	31,003	2.9	17,258	2	1.3	39	6,797	1	0.2	2.25
Western										
Arizona	4,428	6.1	1,059	28	2.4	12	124	37	1	0.00
California	31,878	1.9	7,577	2	-0.4	26	1,956	2	3	0.15
Idaho	1,189	5.2	456	40	2.9	14	66	41	6	0.00
Nevada	1,603	9.3	537	38	5.7	21	115	38	13	0.00
Oregon	3,204	3.6	1,048	30	0.6	15	152	34	8	0.01
Washington	5,533	3.8	2,159	14	0.3	11	229	28	7	0.00
Total	47,835	2.9	12,836	5	0.3	21	2,642	4	4	0.11
U.S. Total	263,493	1.9	89,422	--	1.3	24	21,753	--	3	0.88

-- = Not applicable.

Sources: **Natural Gas Production and Consumption:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." **Energy Consumption:** EIA, *State Energy Data Report, Consumption Estimates 1980-1995* (December 1997). **Population:** U.S. Department of Commerce, Bureau of the Census.

Table C3. Regional and State Natural Gas Customer Market Share Changes, 1990-1996

Region / State	1996 Share of the Natural Gas Market (percent)					Share Change Since 1990 (percentage point)					Average Annual Change in Consumption (percent)				
	Residential	Commercial	Industrial	Electric Utilities	Other	Residential	Commercial	Industrial	Electric Utilities	Other	Residential	Commercial	Industrial	Electric Utilities	Other
Central															
Colorado	36	22	27	2	12	-2	-5	7	-1	1	3.3	0.6	9.6	0.7	6.6
Iowa	32	20	42	1	5	a	a	0	0	a	3.7	3.8	4.0	0.7	6.0
Kansas	24	16	30	6	24	3	a	-3	-1	1	3.2	0.3	-1.6	-10.8	1.4
Missouri	47	25	24	2	3	-2	a	1	0	a	3.0	3.7	4.8	-6.0	19.7
Montana	36	24	29	1	9	-3	-4	8	a	-1	5.0	3.6	12.0	6.2	5.7
Nebraska	37	31	27	2	3	-1	-2	4	-2	a	3.0	1.9	6.9	-10.7	4.3
North Dakota	26	25	16	a	33	-3	-7	3	a	7	5.6	2.9	10.8	16.7	12.6
South Dakota	38	31	19	2	9	-3	-3	-4	1	8	5.7	5.4	3.8	71.0	70.0
Utah	34	18	26	2	19	-3	5	-4	1	2	4.1	11.2	3.2	63.3	9.6
Wyoming	13	10	50	0	27	1	0	22	a	-23	2.9	2.8	14.2	4.1	-11.8
Total	33	22	30	2	14	a	-1	2	-1	-1	3.5	2.8	4.6	-4.3	2.3
Midwest															
Illinois	48	19	29	2	1	1	-2	-1	1	0	3.4	1.5	2.7	25.2	3.0
Indiana	31	15	50	1	2	a	a	a	-1	0	4.3	3.7	4.1	-9.4	6.4
Michigan	39	20	34	3	3	1	-4	2	1	0	3.4	-0.2	3.7	9.9	4.2
Minnesota	39	27	28	1	5	2	a	-3	a	1	5.0	4.1	2.6	0.3	8.7
Ohio	40	20	37	0	2	a	-1	1	a	0	3.3	2.9	3.8	24.7	7.2
Wisconsin	37	23	37	2	1	a	a	-2	1	0	4.5	6.0	3.5	28.0	2.8
Total	40	20	35	2	2	1	-1	a	a	0	3.7	2.3	3.4	10.3	5.4
Northeast															
Connecticut	34	31	25	8	1	-4	1	-1	3	1	2.8	5.5	4.5	b	21.6
Delaware	18	12	26	43	0	0	2	-17	16	0	5.3	8.9	-3.9	17.6	4.2
Maine	17	45	38	a	0	2	6	-8	a	a	7.1	7.5	1.3	0.0	0.0
Maryland/DC	45	27	22	4	1	5	9	-9	-5	a	4.0	13.0	-4.2	-18.3	1.4
Massachusetts	32	27	28	13	1	-9	7	11	-9	a	1.2	11.9	15.5	-3.1	9.9
New Hampshire	37	37	26	0	0	-5	2	3	a	a	3.1	5.9	7.2	0.0	b
New Jersey	37	25	33	4	1	-3	-2	12	-7	0	4.6	4.5	16.6	-14.8	3.1
New York	36	22	29	13	1	-3	a	17	-13	0	3.1	4.5	21.6	-10.0	8.5
Pennsylvania	38	21	33	1	6	1	2	-3	1	0	2.6	3.6	0.6	18.4	1.5
Rhode Island	23	15	31	30	1	-34	3	17	13	0	1.1	27.8	87.1	b	40.3
Vermont	34	39	27	0	0	3	8	-1	-10	a	2.9	5.6	0.7	b	13.5
Virginia	32	25	35	4	4	3	2	-6	1	0	6.9	6.4	2.0	11.1	3.4
West Virginia	24	18	32	0	25	-3	a	-8	a	10	2.4	4.8	0.6	7.4	15.5
Total	35	23	30	8	3	-3	2	6	-5	a	3.3	5.6	8.4	-4.7	6.2
Southeast															
Alabama	17	9	62	2	10	-1	-1	2	a	a	3.8	3.1	5.7	11.8	5.4
Florida	3	9	28	58	2	-1	-3	2	1	a	4.0	2.4	8.7	9.8	11.1
Georgia	33	16	47	1	2	4	a	-5	1	0	6.0	3.7	2.0	78.1	2.5
Kentucky	30	17	40	1	12	-1	a	3	1	-3	3.9	4.3	5.6	47.2	0.5
Mississippi	11	8	30	31	20	1	1	-10	5	2	3.2	4.1	-3.9	8.7	2.8
North Carolina	28	19	49	1	3	6	a	-5	0	0	9.2	4.5	3.3	2.3	3.0
South Carolina	20	14	64	1	2	6	2	-3	-5	0	8.3	4.8	1.7	b	1.7
Tennessee	25	21	45	a	9	4	1	-5	a	a	7.4	5.2	2.5	14.7	4.1
Total	20	13	44	16	7	2	0	-3	2	a	5.8	4.0	3.2	8.3	3.1
Southwest															
Arkansas	17	11	52	13	7	0	1	0	-1	0	3.0	3.8	2.8	1.2	1.5
Louisiana	3	2	63	15	17	a	a	5	-2	-3	1.0	0.6	2.4	-1.3	-2.2
New Mexico	15	12	10	14	49	3	2	2	3	-10	3.2	1.9	2.9	-4.9	
Oklahoma	14	8	35	24	19	3	2	3	-4	-4	2.8	3.8	0.5	-3.8	-4.6
Texas	6	4	54	26	10	a	a	6	-2	-4	1.4	0.5	3.9	0.6	-4.2
Total	7	5	53	22	14	a	a	6	-2	-4	1.9	1.4	3.2	-0.1	-3.6
Western															
Arizona	23	24	22	16	14	0	1	8	-3	-6	-0.4	0.4	6.9	-5.1	-6.9
California	26	13	38	18	5	-1	-2	8	-7	2	-1.5	-3.6	3.6	-7.4	24.6
Idaho	22	17	52	a	9	3	-2	a	a	-2	10.3	5.4	6.9	0.0	2.9
Nevada	18	17	26	38	1	-8	-7	15	0	a	4.9	5.3	37.1	13.1	-5.2
Oregon	20	15	52	8	8	-2	-4	7	2	-4	6.7	4.2	10.5	13.4	-3.0
Washington	26	20	48	3	3	1	-4	0	3	0	8.1	3.9	6.7	b	5.6
Total	25	15	39	16	5	-2	-2	8	-6	1	0.0	-1.2	5.0	-4.6	9.6
Total U.S.	24	15	41	13	8	1	a	3	-2	-1	3.0	2.8	4.0	-0.4	-0.5

aBetween plus 0.5 percent and minus 0.5 percent.

bOver plus or minus 100 percent per annum. Result very large (small) due to large fluctuations in annual volumes reported in this category.

Note: Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table C4. Regional and State Natural Gas Customers, Average Annual Growth, 1990-1996

Region	Residential Customers			Commercial Firms			Industrial Firms			Electric Utilities			
	Number in 1996	Annual Change (percent)		Number in 1996	Annual Change (percent)		Number in 1996	Annual Change (percent)		Annual Change ¹ (percent)			
		In Number of Users	In Average Use		In Number of Users	In Average Use		In Number of Users	In Average Use	In Number of All Type Units	In Number of Gas- Fired Units	In Total Summer Capacity	In Gas Fired Capacity
Central													
Colorado	1,147,743	2.6	0.6	121,221	1.2	-0.6	2,099	13.8	-3.4	-1.3	-0.8	0.5	1.3
Iowa	771,109	1.5	2.1	89,663	1.3	2.4	2,066	1.6	2.4	-2.8	-5.0	-15.3	-9.4
Kansas	804,213	1.2	1.9	89,168	0.7	-0.4	2,988	-6.6	7.7	-1.3	-1.1	0.2	-0.5
Missouri	1,275,465	0.8	2.0	133,445	4.1	-0.6	3,408	1.5	3.3	0.3	0.3	0.9	7.2
Montana	205,199	2.8	2.0	26,374	2.1	1.3	466	0.3	11.6	-1.1	0.0	0.1	0.0
Nebraska	439,931	1.3	1.6	61,117	0.2	1.6	2,234	36.0	-23.4	-0.9	1.2	0.6	2.3
North Dakota	97,761	2.2	3.2	13,789	1.3	1.6	206	3.8	6.6	-2.8	0.0	-1.2	0.0
South Dakota	127,269	3.3	2.3	16,880	4.0	1.3	444	8.4	-4.9	-6.1	1.1	1.7	30.9
Utah	562,343	3.7	0.2	40,107	2.5	8.4	923	-11.1	23.0	2.1	4.6	0.4	-2.2
Wyoming	131,910	2.6	0.3	17,036	3.7	-1.0	170	-9.9	25.6	1.6	33.3	0.5	18.7
Total	5,562,943	1.8	1.5	608,800	1.9	0.8	15,004	1.5	3.2	-1.3	-1.0	-0.5	1.2
Midwest													
Illinois	3,494,545	1.0	2.3	265,007	0.5	1.0	29,493	2.2	0.5	-2.3	-1.1	0.2	14.0
Indiana	1,489,647	1.9	2.3	139,097	1.8	1.8	6,586	0.4	3.7	0.5	1.2	0.1	1.0
Michigan	2,812,876	1.5	1.9	214,843	1.6	-1.8	11,848	0.5	3.2	-0.6	4.3	-0.2	22.3
Minnesota	1,103,709	2.6	2.3	105,531	1.7	2.3	2,564	-0.1	2.7	-0.4	-2.6	0.7	-15.8
Ohio	2,994,891	1.3	2.0	259,663	1.8	1.1	8,672	0.7	3.0	0.1	2.1	0.2	10.5
Wisconsin	1,324,570	2.8	1.6	129,146	3.3	2.6	5,861	-3.6	7.3	-0.1	2.3	2.0	20.7
Total	13,220,238	1.6	2.0	1,113,287	1.6	0.7	65,024	0.8	2.6	-0.6	0.3	0.3	8.0
Northeast													
Connecticut	433,778	0.2	2.6	47,055	0.6	4.9	3,435	2.4	1.4	-2.8	30.6	-2.1	11.7
Delaware	106,548	3.1	2.1	9,518	4.1	4.6	250	0.7	-4.6	-0.6	4.9	2.3	4.3
Maine	14,982	3.8	3.1	6,414	7.1	0.2	87	1.8	0.0	-0.2	0.0	-0.1	0.0
Maryland/DC	1,006,227	1.7	2.3	80,943	3.3	5.9	430	-167.6	125.7	-1.4	6.7	1.8	6.9
Massachusetts	1,188,317	1.0	0.2	105,889	0.9	11.6	10,952	11.5	8.2	-1.3	-0.5	-1.6	9.1
New Hampsh.	75,175	2.4	0.6	12,755	3.3	2.5	367	0.2	7.2	-3.1	16.7	-0.9	34.6
New Jersey	2,147,622	1.3	3.1	224,749	0.5	4.0	10,139	10.8	4.8	-2.5	0.0	0.1	1.8
New York	4,048,166	0.6	2.5	315,855	2.0	2.5	15,300	-9.7	33.3	-2.0	-1.4	-0.5	3.6
Pennsylvania	2,431,909	0.8	1.7	214,340	2.3	1.2	6,441	0.5	-0.1	-1.0	3.4	4.0	41.3
Rhode Island	204,259	0.8	0.3	21,664	3.5	23.6	363	-33.6	118.7	-8.8	-25.0	20.2	37.1
Vermont	24,383	4.9	-2.2	3,790	4.3	1.3	27	11.2	-10.3	1.5	--	0.4	1.1
Virginia	789,985	4.0	2.7	77,284	3.3	3.1	2,822	28.2	-25.9	3.0	-0.8	1.4	-10.8
West Virginia	358,049	0.4	2.0	33,837	0.5	4.3	182	0.0	0.9	-3.2	--	0.0	--
Total	12,829,400	1.1	2.1	1,154,093	1.8	3.8	50,795	-1.5	9.7	-1.1	0.4	0.1	4.4
Southeast													
Alabama	766,322	1.9	1.9	62,064	1.5	1.6	2,512	0.6	5.1	1.1	10.8	0.6	6.5
Florida	521,674	2.2	1.7	47,578	1.5	0.9	517	2.2	6.1	-0.2	2.0	2.1	1.7
Georgia	1,538,458	2.4	3.4	123,200	2.2	1.4	3,310	0.8	1.1	0.3	8.7	1.6	19.5
Kentucky	696,989	1.8	1.9	76,079	2.1	2.2	1,633	0.9	4.6	0.2	5.1	0.1	24.5
Mississippi	418,442	1.5	1.7	46,029	1.1	3.0	1,241	-1.0	-2.9	0.3	0.4	0.4	2.6
North Carolina	699,159	5.1	3.9	93,504	5.5	-1.0	3,973	6.6	-3.1	-1.2	8.9	0.6	23.8
South	426,088	3.9	4.1	48,650	3.4	1.4	1,759	4.3	-2.6	1.5	2.2	2.6	1.3
Tennessee	841,232	5.0	2.2	103,867	2.7	2.4	2,306	-0.4	2.9	-0.7	--	0.3	-2.0
Total	5,908,364	2.9	2.7	600,971	2.6	1.3	17,251	1.9	1.4	0.1	3.2	1.2	4.2
Southwest													
Arkansas	539,952	1.7	1.2	67,293	1.5	2.2	1,486	1.1	1.8	0.2	-2.4	0.0	-0.1
Louisiana	945,967	0.2	0.8	62,101	-0.2	0.7	1,444	-1.0	3.7	-0.1	0.2	0.4	1.4
New Mexico	428,621	2.5	0.6	37,796	-0.1	2.0	1,365	-33.1	29.4	0.6	2.3	0.1	31.4
Oklahoma	866,531	1.0	1.7	89,852	0.8	3.0	2,843	-0.3	0.8	0.2	0.3	0.4	2.5
Texas	3,501,853	1.3	0.0	329,287	3.5	-3.3	8,796	-14.2	18.1	-0.2	-0.4	0.7	0.5
Total	6,282,924	1.2	0.6	586,329	2.2	-0.9	15,934	-7.8	11.0	0.1	-0.1	0.5	1.4
Western													
Arizona	689,597	2.8	-3.3	49,693	0.9	-0.6	534	0.3	6.6	1.0	0.3	0.3	0.9
California	8,969,308	0.9	-2.4	408,294	-0.3	-3.3	36,613	-4.0	7.5	0.5	0.8	0.2	-0.3
Idaho	187,756	8.7	1.0	25,271	4.5	0.7	183	22.9	-15.6	-0.9	--	1.9	--
Nevada	393,783	7.5	-2.7	26,613	4.3	0.9	121	3.3	32.7	1.1	5.6	2.3	3.0
Oregon	433,638	5.0	1.5	57,613	3.5	0.6	799	2.4	8.2	0.2	2.1	-1.2	5.6
Washington	673,357	6.6	1.0	73,708	4.0	-0.3	3,587	0.8	5.9	-0.1	-4.2	-1.1	-1.0
Total	11,347,439	1.7	-1.7	641,192	0.9	-2.1	41,837	-3.4	8.4	0.3	0.9	0.1	0.3
Total U.S.	55,151,308	1.6	1.4	4,704,672	1.8	1.0	205,847	-1.0	5.1	-0.5	0.3	0.3	2.5

¹Includes both primary and secondary generating units.

-- = Not applicable.

Source: **Natural Gas Usage:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." **Electric Generation Capacity:** EIA, Form EIA-860, "Annual Electric Generation Report," 1990 through 1996.

