1 OF 2

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Natural Gas Monthly

March 1994

natural gas

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March 1994

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MASTER

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Electric Power Monthly, updated on the 1st of the month

Monthly Energy Review, updated the last week of the month

Short Term Energy Outlook, updated 60 days after the end of the quarter

Preface

The *Natural Gas Monthly* (NGM) is prepared in the Data Operations Branch of the Reserves and Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE).

General questions and comments regarding the NGM may be referred to Kendrick E. Brown, Jr. (202) 586-6077, Audrey E. J. Corley (202) 586-4804, or Eva M. Fleming (202) 586-6113. Specific technical questions may be referred to the appropriate persons listed in Appendix E.

The NGM highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the NGM features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the NGM is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit.

Common Abbreviations Used in the Natural Gas Monthly

AGA	American Gas Association	IOGCC	Interstate Oil and Gas Compact Commission
Bbl	Barrels	LNG	Liquefied Natural Gas
BLS	Bureau of Labor Statistics, U.S. Department of Labor	Mcf	Thousand Cubic Feet
Bcf	Billion Cubic Feet	MMBtu	Million British Thermal Units
BOM	Bureau of Mines, U.S. Department of the Interior	MMcf	Million Cubic Feet
Btu	British Thermal Unit	MMS	United States Minerals Management Service, U.S. Department of the Interior
DOE	U.S. Department of Energy	NGL	Natural Gas Liquids
DOI	U.S. Department of the Interior	NGPA	Natural Gas Policy Act of 1978
EIA	Energy Information Administration, U.S. Department of Energy	OCS	Outer Continental Shelf
FERC	Federal Energy Regulatory Commission	PGA	Purchased Gas Adjustment
		Tcf	Trillion Cubic Feet

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Overview

Highlights

For the year, marketed production in 1993 is 3 percent higher than in 1992 and 4 percent higher than in 1991. Preliminary estimates of total U.S. natural gas deliveries to consumers for 1993 indicate an increase of 578 billion cubic feet, or 3 percent, between 1992 and 1993. Total U.S. natural gas consumption in 1993 indicates an increase of 3 percent, or 637 billion cubic feet, over 1992.

Consumption for 1993 in the residential sector increased by 6 percent, or 265 billion cubic feet, compared to the 1992 total. Commercial consumption for 1993 increased 4 percent, or 107 billion cubic feet, over 1992. While the industrial sector increased by 4 percent, or 292 billion cubic feet, the electric utility sector declined by 3 percent, or 86 billion cubic feet, over 1992. Imports for 1993 rose substantially from the 1991 total, and increased 6 percent from the 1992 total. Exports dropped considerably from 1992 to 1993, a decrease of 34 percent. Total underground storage capacity for 1994 was almost identical to the 1993 total.

Wellhead prices rose from \$1.74 per thousand cubic feet in 1992 to \$1.97 per thousand cubic feet, an increase of 13 percent. Residential customers paid \$5.89 per thousand cubic feet for natural gas in 1993, identical to what they paid in 1992. Commercial consumers' price of \$4.88 per thousand cubic feet in 1993 was also identical to what they paid in 1992. Industrial consumers paid slightly higher prices for natural gas in 1993, compared to 1992, an increase of 2 percent.

Supply and Disposition

The Energy Information Administration estimates that marketed production (gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations) totaled 1,714 billion cubic feet in January 1994 (Table 1). This is 2 percent higher than in January 1993.

The total gas supply available for disposition in January 1994 was an estimated 2,451 billion cubic feet, 4 percent greater than in January 1993 (Table 2). The January 1994 total includes 755 billion cubic feet withdrawn from storage, 14 billion cubic feet of supplemental fuel supplies, and 214 billion cubic feet of imported gas.

On the disposition side, the consumption of 2,396 billion cubic feet was 12 percent greater than in December 1993 and 5 percent greater than in January 1993 (Table 2). Total disposition included 46 billion cubic feet of gas injected into underground storage reservoirs and exports of 9 billion cubic feet.

Consumption

Data for the four major end-use sectors indicate that the total amount of gas delivered to all consumers in December 1993 was 1,960 billion cubic feet, 24 percent greater than in November 1993 (Table 3). Consumption in the industrial sector increased from 645 billion cubic feet in November 1993 to 714 billion cubic feet in December 1993, an increase of 11 percent.

The electric utility sector consumed 174 billion cubic feet in December 1993, which is a 16 percent decrease from November 1993 and a 1 percent decrease from December 1992.

The residential sector consumed 703 billion cubic feet in December 1993, 2 percent less than in December 1992. The commercial sector consumed 369 billion cubic feet in December 1993, 3 percent less than in December 1992.

Prices

In December 1993, major interstate pipeline companies paid an average of \$2.82 per thousand cubic feet for gas purchased from domestic producers, 22 percent greater than November's \$2.32 price and 18 percent greater than what was paid in December 1992 (Table 4). In December 1993, these pipeline companies paid \$2.02 per thousand cubic feet for imported gas.

Distributors paid an average \$3.26 per thousand cubic feet for gas at the city gate in December 1993. This is 3 percent greater than what these distributors paid in November 1993 and 3 percent greater than they paid in December 1992. Residential consumers paid \$6.07 per thousand cubic feet in December 1993, 6 percent higher than what they paid in December 1992. Commercial consumers paid \$5.27 per thousand cubic feet in December 1993, 10 percent higher than what they paid in November 1993 and 3 percent higher than what they paid in December 1992.

Industrial consumers paid \$3.35 per thousand cubic feet in December 1993, a 16-percent increase from the November 1993 price of \$2.90 and 1 percent less than in December 1992. Electric utilities paid an average of \$2.59 per thousand cubic feet in November 1993, a 6-percent increase from the \$2.45 per thousand cubic feet paid in October 1993.

Table 1. Summary of Natural Gas Production in the United States, 1988-1994
(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production (Wet)	Extraction Loss ^b	Total Dry Gas Production ^c
1988 Total	20,999	2,478	460	143	17,918	816	17,103
1989 Total	21,074	2,475	362	142	18,095	785	17,311
1990 Total	21,523	2,489	289	150	18,594	784	17,810
1991 Total	21,750	2,772	276	170	18,532	835	17,698
1992							
January	1,952	251	24	14	1,663	77	1,586
February	1,748	247	22	13	1,467	68	1,398
March	1,837	254	22	14	1,547	72	1,475
April	1,801	246	24	13	1,518	71	1,447
May	1,842	248	24	12	1,557	73	1,485
June	1,800	246	23	15	1,515	71	1,444
July	1,842	238	24	16	1,564	73	1,491
August	1,799	237	24	15	1,522	71	1,451
September	1,786	242	21	15	1,508	70	1,437
October	1,899	253	25	13	1,608	75	1,533
November	1,871	246	23	14	1,588	74	1,514
December	1,956	263	24	14	1,656	77	1,579
Total	22,132	2,973	280	168	18,712	872	17,840
1993							
January	1,994	271	22	15	1,687	79	1,608
February	1,790	248	21	15	1,505	70	1,435
March	1,961	268	21	15	1,657	77	1,579
April	1,889	256	22	16	1,595	74	^a 1,521
May	1,920	262	21	16	1,620	76	1,545
June	^a 1,831	^a 240	21	^a 17	^a 1,553	^a 72	^a 1,480
July	^a 1,880	^a 242	23	17	^a 1,598	^a 74	^a 1,524
August	^a 1,895	^a 259	22	^a 16	^a 1,598	^a 74	^a 1,523
September	^a 1,859	^a 250	22	16	^a 1,572	73	^a 1,498
October	^a 1,971	^a 284	22	16	^a 1,648	77	^a 1,572
November	^a 1,941	^a 293	^a 21	15	^a 1,612	^a 75	^a 1,537
December	^a 1,999	^a 273	^a 23	^a 17	^a 1,686	^a 79	^a 1,607
Total	^a 22,929	^a 3,145	^a 262	190	^a 19,331	^a 901	^a 18,430
1994							
January	^a 2,048	^a 295	^a 23	^a 16	^a 1,714	^a 80	^a 1,634
1994 YTD	2,048	295	23	16	1,714	80	1,634
1993 YTD	1,994	271	22	15	1,687	79	1,608
1992 YTD	1,952	251	24	14	1,663	77	1,586

^a See Appendix A, Explanatory Note 1 for a discussion of data on Nonhydrocarbon Gases Removed.

^b Extraction loss is only collected on an annual basis. Annually it is between 4 and 5 percent of marketed production. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^c Equal to marketed production (wet) minus extraction loss.

^a = Revised Data.

^a = Estimated Data.

^a = Revised Estimated Data.

Notes: Data for 1988 through 1992 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: EIA, *Natural Gas Annual 1992* Table 7 and EIA estimates, January 1993 through current month. See Appendix A, Explanatory Notes 1, 3, and 6 for discussion of computation, estimating procedures, and revision policy.

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1988-1994
(Billion Cubic Feet)

Year and Month	Supply					Total Supply/Disposition ^d	Disposition		
	Total Dry Gas Production	Withdrawals from Storage ^a	Supplemental Gaseous Fuels ^b	Imports	Balancing Item ^c		Additions to Storage ^a	Exports	Consumption ^e
1988 Total	17,103	2,270	101	1,294	-453	20,315	2,211	74	18,030
1989 Total	17,311	2,854	107	1,382	-218	21,435	2,528	107	18,801
1990 Total	17,810	1,986	123	1,532	-149	21,302	2,499	86	18,716
1991 Total	17,698	2,752	113	1,773	-500	21,836	2,672	129	19,035
1992									
January	1,586	624	12	165	-71	2,315	60	18	2,239
February	1,398	463	11	175	42	2,089	45	14	2,031
March	1,475	397	11	180	-42	2,022	74	23	1,926
April	1,447	142	10	176	89	1,864	161	18	1,685
May	1,485	44	9	174	68	1,780	344	19	1,418
June	1,444	35	8	162	16	1,666	384	18	1,284
July	1,491	42	8	167	-8	1,700	373	16	1,311
August	1,451	46	8	175	-19	1,662	380	18	1,264
September	1,437	40	8	166	-24	1,629	362	18	1,249
October	1,533	70	10	176	-130	1,659	271	19	1,368
November	1,514	282	11	210	-239	1,778	88	19	1,672
December	1,579	587	12	209	-191	2,195	58	19	2,119
Total	17,840	2,772	118	2,138	-508	22,360	2,599	216	19,544
1993									
January	1,608	607	13	198	^a -66	^a 2,360	50	18	^a 2,292
February	1,435	578	12	183	3	2,212	27	13	2,172
March	1,579	382	12	199	^a 59	^a 2,232	79	17	2,137
April	^a 1,521	110	10	185	^a 76	^a 1,903	222	12	^a 1,669
May	1,545	25	8	160	^a 20	^a 1,759	457	12	^a 1,289
June	^a 1,480	44	10	178	^a -6	^a 1,707	418	11	^a 1,278
July	^a 1,524	49	9	190	^a -16	1,756	399	13	1,345
August	^a 1,523	100	9	184	^a -40	1,776	421	10	1,345
September	^a 1,498	28	9	188	^a 6	1,729	382	10	1,337
October	^a 1,572	102	10	^a 189	^a -151	^a 1,722	255	^a 8	1,458
November	^a 1,537	316	^a 12	^a 204	^a -220	^a 1,849	112	^a 10	^a 1,727
December	^a 1,607	499	^a 13	^a 202	^a -122	^a 2,199	58	^a 11	^a 2,130
Total	^a 18,430	2,840	128	^a 2,261	^a -457	^a 23,202	2,879	142	^a 20,181
1994									
January	^a 1,634	755	^a 14	^a 214	-166	2,451	46	^a 9	^a 2,396
1994 YTD	1,634	755	14	214	-166	2,451	46	9	2,396
1993 YTD	1,608	607	13	198	-66	2,360	50	18	2,292
1992 YTD	1,586	624	12	165	-71	2,315	60	18	2,239

^a Monthly and annual data for 1988 through 1992 include underground storage and liquefied natural gas storage. Data for January 1993 forward include underground storage only. See Appendix A, Explanatory Note 7 for discussion of computation procedures.

^b Supplemental gaseous fuels data are only collected on an annual basis except for the Dakota Gasification Inc. coal gasification facility where they are gathered each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Inc.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio, which varies between .0028 and .0037, is applied to the monthly sum of these three elements. The Dakota Gasification Inc. Monthly value is added to the result to produce the monthly supplemental fuels estimate.

^c Represents quantities lost and imbalances in data due to differences among data sources. See Appendix A, Explanatory Note 10 for full discussion.

^d "Total" data for 1988 through 1992 do not equal equivalent data in Table 1 of the *Natural Gas Annual 1992* due to the exclusion of intransit receipts and deliveries in the NGM.

^e Consists of pipeline fuel use, lease and plant fuel use, and deliveries to consuming sectors as shown in Table 3.

^a = Revised Data.

^e = Estimated Data.

^a = Revised Estimated Data.

Notes: • Data for 1988 through 1992 are final. All other data are preliminary unless otherwise indicated. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components because of independent rounding.

Sources: • Total Dry Gas Production: EIA *Natural Gas Annual 1992*, 1988 through 1992; IOGCC, MMS reporting, and EIA estimates, January 1993 through current month. See Appendix A, Explanatory Note 3 for estimation procedures and revision policy. • Withdrawals from and Additions to Storage: EIA *Natural Gas Annual 1992*, 1988 through 1992; Form EIA-191, January 1993 through current month. • Supplemental Gaseous Fuels: EIA *Natural Gas Annual 1992*, 1988 through 1992; and EIA computations, January 1993 through current month. See Appendix A, Explanatory Note 2 for discussion of computation procedures and revision policy. • Imports and Exports: Form FPC-14, 1988 through 1992; and EIA estimates, January 1993 through the current month. See Appendix A, Explanatory Note 4 for discussion of procedures and revision policy. • Consumption and Balancing Item: EIA *Natural Gas Annual 1991*, 1988 through 1992; and EIA computations, January 1993 through current month. See Appendix A, Explanatory Notes 5 and 10 for discussion of computation procedures and revision policy.

Table 7. Marketed Production of Natural Gas by State, 1987-1993
(Billion Cubic Feet)

Year and Month	Alabama ^b	Alaska	California	Colorado	Florida	Kansas
1987 Total	117,241	359,837	424,621	164,557	8,281	472,752
1988 Total	129,524	378,638	399,663	191,544	7,484	592,845
1989 Total	128,411	393,729	362,860	216,737	7,534	601,196
1990 Total	135,276	402,907	362,748	242,997	6,483	573,603
1991						
January	13,267	40,203	30,159	20,110	290	63,891
February	11,866	36,265	27,015	23,344	285	54,601
March	13,131	38,847	32,268	23,648	325	57,863
April	13,020	34,664	30,902	24,673	412	51,936
May	13,906	32,434	31,072	22,724	301	50,732
June	13,174	33,065	29,259	23,034	94	46,685
July	14,400	33,840	32,169	23,088	381	44,913
August	15,273	33,448	31,021	23,659	465	42,777
September	11,850	41,609	31,944	22,546	543	43,491
October	15,207	36,384	35,427	23,868	602	50,386
November	15,502	38,363	34,194	24,349	591	57,959
December	20,250	38,700	32,953	30,918	594	63,225
Total	170,847	437,822	378,334	285,961	4,884	628,459
1992						
January	28,638	40,789	32,882	27,414	570	64,920
February	28,093	37,311	30,127	25,451	536	56,375
March	28,699	38,433	32,006	24,545	492	53,499
April	28,690	37,128	31,789	25,138	488	47,445
May	28,920	37,014	32,353	26,318	520	50,271
June	29,312	34,222	29,550	26,270	572	48,589
July	30,718	35,020	30,949	25,501	458	49,051
August	29,338	32,832	30,046	27,256	574	48,567
September	29,402	32,233	29,211	26,061	564	47,818
October	31,435	39,237	30,386	27,474	654	56,304
November	30,470	38,453	28,070	28,461	593	64,316
December	31,386	40,924	28,262	33,152	635	70,853
Total	355,099	443,597	365,632	323,041	6,657	658,007
1993						
January	24,591	41,375	26,956	28,356	637	64,279
February	22,157	35,689	24,024	28,443	573	57,258
March	22,784	41,674	27,429	32,291	603	61,084
April	22,235	39,226	25,320	^a 30,559	601	53,431
May	23,312	35,702	25,294	^e 29,932	685	54,054
June	22,460	^a 30,817	27,398	^e 29,421	577	51,743
July	24,424	^a 32,867	26,579	^e 29,521	648	51,429
August	25,064	^a 33,212	25,258	^e 30,604	632	49,692
September	^e 23,657	^a 33,394	25,508	^e 29,574	587	46,323
October	^e 25,918	^a 36,997	^e 27,708	^e 31,932	626	^e 53,200
November	^e 25,156	37,876	^e 26,395	^e 32,788	583	^e 62,174
1993 YTD	261,758	398,829	287,869	333,421	6,752	604,667
1992 YTD	323,713	402,672	337,370	289,889	6,022	587,154
1991 YTD	150,597	399,122	345,431	255,043	4,291	565,234

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas by State, 1987-1993
(Billion Cubic Feet) — Continued

Year and Month	Louisiana	Michigan	Mississippi	Montana	New Mexico	North Dakota
1987 Total	5,122,509	146,996	139,727	46,456	823,773	62,258
1988 Total	5,180,267	146,145	124,053	51,654	791,819	57,747
1989 Total	5,078,125	155,988	102,645	51,307	854,615	51,174
1990 Total	5,241,989	172,151	94,616	50,429	965,104	52,169
1991						
January	468,583	15,493	9,113	5,235	96,319	4,640
February	408,977	13,850	7,601	4,433	79,943	4,162
March	440,394	17,320	9,021	4,779	89,186	4,588
April	421,649	18,019	9,346	4,786	86,221	4,351
May	415,253	19,521	9,745	4,516	86,029	4,419
June	388,442	15,994	9,499	3,467	81,862	4,481
July	387,063	16,468	9,467	3,501	77,279	4,787
August	392,982	15,697	8,866	4,081	83,204	4,625
September	394,190	16,040	8,183	3,940	83,766	4,054
October	430,728	15,055	8,615	4,393	91,254	4,253
November	430,550	15,344	9,217	4,166	90,101	4,482
December	455,550	16,948	9,359	4,702	93,120	4,638
Total	5,034,361	195,749	108,031	51,999	1,038,284	53,479
1992						
January	447,681	14,061	8,666	5,025	96,194	4,821
February	397,242	12,580	7,632	4,831	86,756	4,469
March	415,797	16,011	7,761	5,256	94,373	4,762
April	406,614	15,126	7,549	4,583	102,157	4,389
May	425,880	13,012	7,602	4,429	108,294	4,486
June	411,275	20,668	7,447	3,645	101,770	4,436
July	422,105	16,208	7,533	3,846	111,611	4,593
August	377,693	17,200	7,553	3,746	114,145	4,609
September	375,997	19,210	7,039	3,782	109,064	4,428
October	409,724	17,614	7,618	4,503	111,646	4,772
November	401,240	14,277	7,694	5,083	114,329	4,490
December	423,050	18,848	7,601	5,138	118,523	4,628
Total	4,914,300	194,815	91,697	53,867	1,268,863	54,883
1993						
January	^a 449,393	18,622	7,657	5,205	116,663	4,484
February	^a 400,231	9,728	7,249	4,729	108,426	3,923
March	^a 425,024	24,098	7,166	5,054	118,479	4,702
April	^a 415,982	19,700	7,047	4,304	113,865	4,664
May	^a 435,973	14,321	7,025	4,617	119,167	4,856
June	^a 415,775	17,810	6,549	3,984	112,820	4,610
July	^a 433,884	20,187	6,969	3,912	114,282	4,732
August	^a 424,467	16,473	6,388	3,376	119,317	4,751
September	^a 425,714	18,394	6,474	4,021	115,816	4,524
October	^a 439,447	15,761	6,132	3,816	120,609	^a 4,597
November	^a 437,030	14,458	5,708	^a 4,021	121,383	4,580
1993 YTD	4,702,920	189,552	74,364	47,039	1,280,827	50,423
1992 YTD	4,491,250	175,967	84,095	48,729	1,150,340	50,255
1991 YTD	4,578,812	178,801	98,673	47,297	945,165	48,841

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas by State, 1987-1993
(Billion Cubic Feet) — Continued

Year and Month	Oklahoma	Texas	Utah	Wyoming	Other ^a States	U.S. Total
1987 Total	2,073,461	6,125,315	87,158	497,980	758,979	17,432,901
1988 Total	2,167,050	6,286,029	101,372	509,058	803,573	17,918,485
1989 Total	2,237,037	6,241,425	120,089	665,699	826,576	18,095,147
1990 Total	2,258,471	6,343,146	145,875	735,728	810,100	18,593,792
1991						
January	194,179	567,569	13,995	68,011	74,819	1,685,877
February	176,577	496,899	11,573	60,587	65,447	1,483,427
March	189,362	533,539	12,789	70,023	69,790	1,606,874
April	182,592	506,976	11,468	66,126	64,125	1,531,264
May	181,866	512,679	11,206	62,086	63,317	1,521,809
June	168,292	500,166	10,567	61,837	60,626	1,450,544
July	176,757	505,136	11,021	62,410	62,280	1,464,959
August	171,545	503,988	12,009	65,429	61,788	1,470,857
September	167,685	500,654	11,131	62,169	60,181	1,463,974
October	180,504	539,982	13,869	63,623	66,247	1,580,397
November	179,976	544,444	14,091	68,055	68,370	1,599,756
December	184,516	568,621	11,098	66,172	71,338	1,672,701
Total	2,153,852	6,280,654	144,817	776,528	788,328	18,532,439
1992						
January	184,091	551,786	11,797	74,325	69,450	1,663,111
February	166,004	483,162	11,312	50,091	64,761	1,466,733
March	165,802	506,941	12,727	71,930	68,252	1,547,288
April	168,030	493,746	11,852	67,036	66,346	1,518,106
May	165,080	510,273	13,378	62,977	66,344	1,557,151
June	166,336	495,691	13,310	58,427	63,463	1,514,984
July	160,800	508,414	13,930	77,202	65,761	1,583,702
August	159,160	515,119	14,425	74,171	65,848	1,522,282
September	160,231	509,836	15,250	73,315	64,218	1,507,660
October	170,825	531,794	17,177	77,161	69,246	1,607,569
November	172,795	513,103	16,718	78,509	68,952	1,587,552
December	178,201	525,996	19,417	77,434	71,622	1,655,671
Total	2,017,356	6,145,862	171,293	842,576	804,264	18,711,808
1993						
January	^a 181,647	553,029	19,774	71,595	^a 72,658	1,686,921
February	^a 162,327	490,478	19,304	65,560	^a 65,382	1,505,481
March	^a 167,673	554,949	22,763	72,213	^a 68,714	1,656,700
April	^a 165,335	538,617	18,986	69,959	^a 65,504	^a 1,595,335
May	^a 165,190	546,915	17,584	71,281	^a 64,466	1,620,374
June	^a 165,784	521,387	18,487	59,377	^a 63,598	^a 1,552,597
July	^a 164,697	528,063	18,152	74,621	^a 63,481	^a 1,598,448
August	^a 170,885	533,433	15,513	74,271	^a 64,239	^a 1,597,575
September	^a 169,526	518,257	15,130	73,421	^a 61,228	^a 1,571,548
October	^a 187,344	533,874	19,488	73,644	^a 67,287	^a 1,648,380
November	^a 171,385	509,981	19,919	71,474	^a 67,036	^a 1,611,947
1993 YTD	1,871,793	5,828,983	205,100	777,416	723,593	17,645,306
1992 YTD	1,839,155	5,619,866	151,876	765,143	732,641	17,056,138
1991 YTD	1,969,336	5,712,032	133,719	710,356	716,989	16,859,738

^a Includes Arizona, Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, New York, Ohio, Oregon, Pennsylvania, South Dakota, Tennessee, Virginia and West Virginia. The 1992 and 1993 monthly values for these States are estimated.

^b The 1992 monthly and annual values for Alabama include Federal Offshore production.

^c = Revised Data.

^d = Estimated Data.

Notes: Data for 1988 through 1992 are final. All other data are preliminary unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Sources: •EIA *Natural Gas Annual* 1992 1988 through 1992. •IOGCC, MMS reports, and EIA computations, January 1992 through current month.

Table 8. Revenues, Expenses, and Income of Major Interstate Natural Gas Pipeline Companies, 1987-1993
(Million Dollars)

Year and Month	Total Sales Volume ^a (Bcf)	Gas Operating Revenues	Gas Operating Expenses				Total Operating Income	Total Income Before Interest Charges and Extraordinary Expenses	Net Income ^c
			Operation and Maintenance	Depreciation, Depletion, and Amortization	Taxes ^b	Total Gas Operating Expenses			
1987 Total	6,758	27,469	21,871	1,520	552	25,151	2,333	3,493	1,414
1988 Total	6,414	26,637	22,640	1,579	582	24,940	1,803	3,350	1,366
1989 Total	5,652	26,703	21,522	1,451	596	24,168	2,575	4,595	2,311
1990 Total	4,877	24,275	18,980	1,483	648	21,686	2,590	4,227	2,319
1991									
January	686	3,126	2,395	116	61	2,729	397	448	303
February	415	2,095	1,541	116	58	1,809	286	355	222
March	384	1,960	1,445	117	53	1,699	261	273	151
April	289	1,548	1,224	118	53	1,412	137	200	68
May	227	1,386	1,045	118	56	1,229	157	215	74
June	184	1,263	1,870	118	52	1,759	-496	-422	-540
July	212	1,295	989	117	53	1,133	162	194	41
August	251	1,396	1,068	117	55	1,235	162	128	-11
September	229	1,387	1,268	118	46	1,364	23	-398	-545
October	304	1,613	1,232	37	49	1,361	252	276	120
November	439	2,127	1,615	116	50	1,863	264	312	166
December	433	2,452	2,304	101	42	2,565	-113	277	130
Total	4,052	21,649	17,996	1,311	627	20,158	1,492	1,857	179
1992									
January	413	2,240	1,647	117	64	1,954	286	382	241
February	347	1,800	1,281	42	59	1,514	285	378	253
March	348	1,832	1,314	118	56	1,586	246	360	246
April	276	1,526	1,112	119	56	1,339	187	279	135
May	269	1,476	1,084	123	58	1,311	165	368	232
June	224	1,438	1,056	113	52	1,252	187	311	171
July	239	1,442	1,040	125	56	1,259	183	301	147
August	264	1,564	1,157	131	54	1,412	152	268	124
September	247	1,957	1,552	-24	49	1,625	331	349	252
October	268	1,739	1,363	68	55	1,533	206	314	168
November	360	2,138	1,585	118	53	1,890	248	363	226
December	435	2,430	1,892	76	51	2,252	178	341	206
Total	3,689	21,582	16,084	1,125	664	18,927	2,654	4,033	2,402
1993									
January	366	2,070	1,434	121	57	1,703	367	398	267
February	395	2,001	1,395	120	59	1,696	305	393	272
March	401	2,013	1,396	118	55	1,705	308	404	268
April	278	1,617	1,161	216	55	1,516	101	295	168
May	185	1,420	1,062	105	54	1,251	168	108	-39
June	219	1,487	1,062	123	52	1,310	177	275	144
July	225	1,451	980	116	51	1,212	239	319	196
August	225	1,468	1,095	100	49	1,291	177	231	106
September	223	1,498	1,071	84	47	1,287	211	376	169
October	202	1,498	1,112	66	58	1,323	174	408	216
November	291	1,959	1,378	99	48	1,664	295	341	268
December	155	1,448	1,245	32	37	1,228	220	335	129
Total	^a 3,164	^a 19,928	^a 14,392	^a 1,299	^a 623	^a 17,185	^a 2,743	^a 3,883	^a 2,162

^a Includes sales for resale and sales to ultimate consumers.

^b Excludes income taxes.

^c Total Income before Interest Charges and Extraordinary Expenses and Investment Tax Credits minus Income Taxes, Interest Charges, and Extraordinary Items.

^a = Revised Data.

Notes: (1) Data up to the current month of the prior year are final. All other data are preliminary unless otherwise indicated. See Appendix A, Explanatory Note 9 for discussion of major interstate pipeline companies. Totals may not equal sum of components because of independent rounding. This table shows selected items only and therefore does not balance mathematically.

(2) As of January 1993, Arkla, Inc. does not meet the filing requirements for the FERC-11. Arkla Energy Resources Company (A.E.R. Co.) is a subsidiary of Arkla, Inc.. Data submitted on the FERC-11 for A.E.R. Co. will indicate less sales volumes and revenues than previous years reported by Arkla, Inc..

Source: Form FERC-11.

Table 9. Volumes and Prices of Natural Gas Sold by Major Interstate Natural Gas Pipeline Companies, 1987-1993

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	To Industrial Users		To Other Ultimate Consumers		Total Sales to Ultimate Consumers		Sales For Resale		Total Sales of Natural Gas		Number of Companies
	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	
1987 Total	442,041	3.07	301,567	5.06	743,608	3.91	5,213,629	3.37	5,957,237	3.44	47
1988 Total	294,821	2.65	440,683	4.99	735,504	4.05	4,866,193	3.47	5,601,697	3.55	46
1989 Total	392,843	2.58	465,592	5.02	858,435	3.91	4,324,349	3.51	5,182,784	3.58	50
1990 Total	229,662	2.80	374,166	5.18	603,828	4.28	3,849,486	3.40	4,453,314	3.52	51
1991											
January	17,703	2.95	68,692	4.71	86,395	4.35	549,376	3.54	635,771	3.65	50
February	11,731	2.62	43,492	4.51	55,223	4.11	325,749	3.65	380,972	3.72	50
March	9,786	2.73	36,250	4.56	46,036	4.17	328,651	3.30	374,687	3.40	50
April	9,047	2.70	21,575	4.82	30,622	4.19	246,762	3.31	277,384	3.41	50
May	11,951	2.38	16,004	5.20	27,955	4.00	188,041	3.58	215,996	3.63	50
June	12,894	2.10	13,048	5.42	25,942	3.77	144,958	3.93	170,900	3.91	50
July	12,018	2.05	18,288	4.83	30,306	3.72	169,807	3.61	200,113	3.62	50
August	15,449	1.94	16,466	4.93	31,915	3.48	205,892	3.33	237,807	3.35	50
September	12,293	2.32	14,785	5.18	27,078	3.88	185,285	3.37	212,363	3.44	50
October	15,654	2.38	20,363	5.11	36,017	3.92	253,721	3.30	289,738	3.38	49
November	14,778	2.70	44,862	4.63	59,640	4.15	363,264	3.27	422,904	3.39	49
December	13,908	2.83	50,253	4.72	64,161	4.31	348,207	4.00	412,368	4.05	49
Total	157,212	2.48	364,078	4.77	521,290	4.08	3,309,713	3.51	3,831,003	3.59	50
1992											
January	12,270	2.58	59,297	4.53	71,567	4.19	333,807	3.58	405,374	3.68	48
February	10,489	2.09	42,699	4.42	53,188	3.97	287,148	3.32	340,336	3.42	49
March	11,460	2.14	35,898	4.42	47,358	3.87	290,133	3.14	337,491	3.24	49
April	14,176	2.15	26,940	4.79	41,116	3.88	221,838	3.32	262,954	3.40	50
May	14,610	1.82	16,500	5.12	31,110	3.57	224,480	3.27	255,590	3.31	50
June	9,991	2.79	13,422	5.45	23,413	4.31	179,954	3.58	203,367	3.66	50
July	14,592	2.04	14,071	5.25	28,663	3.62	188,636	3.45	217,299	3.47	50
August	16,179	2.30	13,925	5.28	30,104	3.68	213,550	3.51	243,654	3.53	50
September	12,858	2.56	13,916	5.36	26,774	4.01	199,862	3.87	226,636	3.89	50
October	12,632	2.88	20,116	5.53	32,748	4.50	222,784	3.46	255,532	3.59	50
November	13,316	3.01	35,936	4.96	49,252	4.43	294,466	3.90	343,718	3.97	50
December	12,300	2.89	55,691	5.00	67,991	4.62	353,866	3.35	421,857	3.56	50
Total	154,873	2.42	348,411	4.86	503,284	4.11	3,010,524	3.47	3,513,808	3.56	50
1993											
January	4,623	2.62	6,747	4.44	11,370	3.70	344,821	3.38	356,191	3.39	51
February	6,494	2.24	5,221	4.47	11,715	3.23	369,081	2.98	380,796	2.99	51
March	5,762	2.42	5,078	4.48	10,840	3.38	369,600	2.96	380,440	2.98	51
April	7,415	2.30	3,626	4.54	11,041	3.04	260,533	3.06	271,574	3.06	51
May	7,609	2.43	2,026	4.92	9,635	2.95	168,359	3.19	177,994	3.17	51
June	6,361	2.38	1,788	4.77	8,149	2.90	199,331	2.82	207,480	2.82	50
July	9,047	2.35	2,212	4.68	11,259	2.81	204,926	2.88	216,185	2.87	50
August	13,732	2.62	2,552	4.49	16,284	2.91	201,552	3.00	217,836	2.99	50
September	4,324	2.75	1,612	5.39	5,936	3.47	209,123	2.88	215,059	2.90	50
October	6,581	2.25	24	5.50	6,605	2.26	190,579	3.02	197,184	3.00	50
November	6,666	1.91	16	1.75	6,682	1.91	277,645	2.65	284,327	2.63	50
December	2,141	2.40	14	2.00	2,155	2.40	145,987	2.80	148,142	2.79	51
Total	^a 91,872	4.79	^a 42,884	^a 9.03	^a 134,756	^a 6.46	^a 3,655,439	^a 6.15	^a 3,790,195	^a 6.16	^a 51

^a All prices are weighted averages.

^a = Revised Data.

Notes: (1) The summaries presented in this table are exclusive of transactions between major pipeline companies in the computation of total pipeline activities to eliminate double-counting. Data up to the current month of the prior year are final. All other data are preliminary unless otherwise indicated. See Appendix A, Explanatory Note 9 for discussion of major interstate pipeline companies. Totals may not equal sum of components because of independent rounding.

(2) As of January 1993, Arkla, Inc. does not meet the filing requirements for the FERC-11. Arkla Energy Resources Company (A.E.R. Co.) is a subsidiary of Arkla, Inc.. Data submitted on the FERC-11 for A.E.R. Co. will indicate less sales volumes and revenues than previous years reported by Arkla, Inc..

Source: Form FERC-11.

Table 10. Volumes and Prices of Natural Gas Sold by Major Interstate Natural Gas Pipeline Companies, by Company, December 1993

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Pipeline Company	To Industrial Users		To Other Ultimate Consumers		Total Sales To Ultimate Consumers		Sales For Resale		Total Sales Of Natural Gas	
	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a
Algonquin Gas	0	—	0	—	0	—	0	—	0	—
ANR	0	—	0	—	0	—	0	—	0	—
Arkla Energy Resources Co.	0	—	0	—	0	—	3,759	3.30	3,759	3.30
Bear Creek Storage	0	—	0	—	0	—	0	—	0	—
Chandeleux Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Colorado Interstate	0	—	0	—	0	—	0	—	0	—
Columbia Gas Transm.	0	—	0	—	0	—	42	1.60	42	1.60
Columbia Gulf	0	—	0	—	0	—	0	—	0	—
Consolidated Gas	0	—	0	—	0	—	1,746	2.23	1,746	2.23
East Tennessee	0	—	0	—	0	—	729	1.11	729	1.11
El Paso	0	—	0	—	0	—	6,523	2.20	6,523	2.20
Equitrans	118	2.93	0	—	118	2.93	145	2.37	263	2.62
Florida Gas	0	—	0	—	0	—	0	—	0	—
Great Lakes Gas	0	—	0	—	0	—	0	—	0	—
High Island Offshore	0	—	0	—	0	—	0	—	0	—
Iroquois Gas Transm. Sys.	0	—	0	—	0	—	0	—	0	—
K N Energy Inc.	0	—	0	—	0	—	0	—	0	—
Kern River Gas Trans.	0	—	0	—	0	—	0	—	0	—
Michigan Gas Storage	0	—	0	—	0	—	0	—	0	—
Midwestern	0	—	0	—	0	—	0	—	0	—
Mississippi River	1,860	2.32	0	—	1,860	2.32	6,137	2.37	7,997	2.36
Mojave Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Mountain Fuel Res.	0	—	0	—	0	—	0	—	0	—
National Fuel	0	—	0	—	0	—	0	—	0	—
Natural Gas Pipeline	0	—	0	—	0	—	13,364	2.12	13,364	2.12
Northern Border	0	—	0	—	0	—	0	—	0	—
Northern Natural	0	—	0	—	0	—	13,968	6.32	13,968	6.32
Northwest Alaskan	0	—	0	—	0	—	27,698	1.80	27,698	1.80
Northwest Pipeline	0	—	0	—	0	—	1,870	1.80	1,870	1.80
Overthrust Pipeline	0	—	0	—	0	—	0	—	0	—
Pacific Gas Transm.	0	—	0	—	0	—	0	—	0	—
Pacific Interstate	0	—	0	—	0	—	7,277	2.80	7,277	2.80
Panhandle Eastern	0	—	0	—	0	—	0	—	0	—
Sabine Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Sea Robin Pipeline	0	—	0	—	0	—	0	—	0	—
Southern Natural	0	—	0	—	0	—	11,414	2.43	11,414	2.43
Stingray Pipeline	0	—	0	—	0	—	0	—	0	—
Tenneco, Inc.	26	2.12	0	—	26	2.12	10,917	3.33	10,943	3.33
Texas Eastern	0	—	0	—	0	—	523	3.40	523	3.40
Texas Gas Transm.	0	—	0	—	0	—	5,442	2.45	5,442	2.45
Trailblazer Pipeline	0	—	0	—	0	—	0	—	0	—
Transcontinental	0	—	0	—	0	—	24,532	3.17	24,532	3.17
Transwestern Pipeline	135	2.15	14	2.00	149	2.13	0	—	149	2.13
Trunkline Gas Co.	0	—	0	—	0	—	10,575	2.00	10,575	2.00
U-T Offshore	0	—	0	—	0	—	0	—	0	—
United Gas Pipeline	0	—	0	—	0	—	4,766	1.83	4,766	1.83
Valero Interstate Transm.	0	—	0	—	0	—	504	3.26	504	3.26
Viking Gas Company	0	—	0	—	0	—	0	—	0	—
Williams Natural	2	3.00	0	—	2	3.00	0	—	2	3.00
Williston Basin	0	—	0	—	0	—	479	2.10	479	2.10
Wyoming Interstate	0	—	0	—	0	—	0	—	0	—
Total/Average Price^a	2,141	2.40	14	2.00	2,155	2.40	152,410	2.79	154,565	2.78
Sales to Other Major Companies	—	—	—	—	—	—	6,423	2.62	6,423	2.62
Sales Excluding Sales to Major Companies	—	—	—	—	—	—	145,987	2.80	148,142	2.79

^a All prices are computed weighted averages based on dollar and volume amounts reported, which may include or reflect out-of-period dollar or volume adjustments, restatements or revisions, or account reclassifications or provisions for pending regulatory adjustments. See Appendix A, Explanatory Note 9 for discussion of apparent anomalies.

— = Not Applicable.

Notes: (1) Two lines have been added to this table to explicitly differentiate transactions between major and nonmajor pipeline companies. Totals may not equal sum of components due to independent rounding and provisions for pending regulatory adjustments.

(2) As of January 1993, Arkla, Inc. does not meet the filing requirements for the FERC-11. Arkla Energy Resources Company (A.E.R. Co.) is a subsidiary of Arkla, Inc.. Data submitted on the FERC-11 for A.E.R. Co. will indicate less sales volumes and revenues than previous years reported by Arkla, Inc..

Source: Form FERC-11.

Table 11. Natural and Other Gases Produced and Purchased by Major Interstate Natural Gas Pipeline Companies, 1987-1993
(Million Cubic Feet)

Year and Month	Transported Gas ^a	Natural Gas Production	Manufactured Gas, Liquefied Natural Gas, Gasified Coal, and Synthetic Gas Production	Purchased Natural Gas				
				From Producers	Intracompany Transfers	Imports	From Others	Total
1987 Total	13,479,989	152,039	22,905	4,848,577	124,572	759,345	400,134	6,132,628
1988 Total	15,950,507	139,621	23,960	4,516,120	66,879	962,383	374,983	5,920,365
1989 Total	18,696,398	108,036	24,609	3,532,588	74,058	903,488	411,997	4,922,131
1990 Total	21,681,372	93,386	24,163	3,601,690	72,986	965,859	355,273	4,995,808
1991								
January	2,098,858	8,065	1,588	372,884	7,194	79,076	40,958	500,112
February	1,839,900	6,242	2,157	262,740	5,669	68,257	21,918	358,584
March	1,865,092	5,837	2,120	222,064	5,388	78,343	19,280	325,075
April	1,792,255	5,603	1,114	193,804	4,453	64,319	19,803	282,379
May	1,723,696	5,534	2,202	174,738	4,808	61,258	14,697	255,501
June	1,579,146	5,353	2,121	160,553	4,294	52,828	22,143	239,818
July	1,610,413	5,571	2,295	155,126	5,186	49,545	15,099	224,958
August	1,735,157	6,213	2,030	149,415	5,253	73,437	22,469	250,574
September	1,691,806	5,998	1,880	169,800	5,586	60,109	14,208	249,703
October	1,856,527	5,473	2,192	210,115	5,329	71,899	18,976	306,119
November	2,103,022	6,378	1,708	261,011	11,226	73,042	33,149	378,428
December	2,135,449	6,798	1,969	298,819	7,732	74,645	31,468	412,664
Total	22,031,321	73,065	23,376	2,631,069	72,118	806,558	274,168	3,783,913
1992								
January	2,309,478	6,645	1,855	251,382	8,000	64,855	38,728	362,965
February	2,159,190	6,079	2,070	205,882	7,942	63,868	24,695	302,187
March	2,183,665	6,156	2,303	148,181	8,643	68,723	19,804	245,351
April	2,107,984	6,796	2,208	164,991	5,813	59,849	21,858	252,511
May	1,979,257	6,969	2,304	170,687	5,935	67,619	19,859	264,100
June	1,912,627	5,243	2,076	155,643	4,803	56,782	17,999	235,227
July	1,925,300	5,675	1,989	156,145	5,106	65,557	23,342	250,150
August	1,888,726	6,146	2,045	166,766	5,429	72,672	18,715	263,582
September	1,807,628	6,260	1,220	175,857	5,268	74,569	6,869	262,563
October	1,985,790	6,352	2,209	192,808	5,380	71,677	20,536	290,401
November	2,130,614	6,503	2,195	223,304	9,938	71,100	23,592	327,934
December	2,194,128	6,604	2,633	247,161	10,494	79,706	45,325	382,686
Total	24,584,387	75,428	25,107	2,258,607	82,751	816,977	281,322	3,439,657
1993								
January	2,334,905	6,430	2,335	203,273	5,475	76,801	7,912	293,461
February	2,163,229	6,047	2,102	160,616	5,238	70,472	9,394	245,720
March	2,214,880	6,310	2,460	171,111	5,563	71,018	11,065	258,757
April	1,976,998	5,532	2,233	164,581	4,796	75,589	1,134	246,100
May	1,934,569	5,578	894	162,910	5,037	63,140	5,158	236,245
June	1,949,219	5,031	2,216	164,781	4,175	74,253	5,315	248,524
July	1,958,562	5,343	2,140	172,148	4,500	76,334	2,357	255,339
August	1,941,343	5,228	2,189	152,659	4,668	71,406	1,640	230,373
September	1,860,922	5,433	1,788	152,912	4,660	69,772	5,860	233,204
October	2,078,609	5,684	2,143	144,311	340	76,058	^b -469	220,240
November	2,386,062	6,240	1,094	124,818	10	44,091	1,602	170,521
December	2,513,588	1,840	1,167	93,406	9,355	34,845	^b -6,642	130,964
Total	^a 29,816,740	^a 77,173	^a 27,198	^a 2,070,799	^a 59,292	^a 880,580	^a 52,238	^a 3,062,909

^a Gas transported for other companies through the production, transmission, or distribution lines or compressor stations of the reporting pipelines.

^b Includes out-of-period adjustments to correct data in prior month.

^a = Revised Data.

Notes: (1) Previously published manufactured gas is now summarized with liquefied natural gas, gasified coal, and synthetic gas production. Also, the summaries presented in this table are exclusive of transactions between major pipeline companies in the computation of total pipeline activities to eliminate double counting. See Appendix A, Explanatory Note 9 for discussion of major interstate pipeline companies. Totals may not equal sum of components because of independent rounding.

(2) As of January 1993, Arkla, Inc. does not meet the filing requirements for the FERC-11. Arkla Energy Resources Company (A.E.R. Co.) is a subsidiary of Arkla, Inc.. Data submitted on the FERC-11 for A.E.R. Co. will indicate less sales volumes and revenues than previous years reported by Arkla, Inc..

Source: Form FERC-11.

Table 12. Natural and Other Gases Produced and Purchased by Major Interstate Natural Gas Pipeline Companies, December 1993
(Million Cubic Feet)

Pipeline Company	Transported Gas	Natural Gas Production	Manufactured Gas, Liquefied Natural Gas, Gasified Coal and Synthetic Gas Production	Purchased Natural Gas				
				From Producers	Intracompany Transfers	Imports	From Others	Total
Algonquin Gas	26,674	0	0	0	0	0	0	0
ANR	75,300	0	122	3,648	0	155	0	3,803
Arkla Energy Resources Co.	50,046	0	0	42	0	0	0	42
Bear Creek Storage	0	0	0	0	0	0	0	0
Chandeleux Pipeline Co.	5,720	0	0	0	0	0	0	0
Colorado Interstate	54,875	265	0	2,067	9,216	0	0	11,283
Columbia Gas Transm.	139,217	0	0	87	0	0	12	99
Columbia Gulf	123,716	0	0	0	0	0	*-48	*-48
Consolidated Gas	82,696	1,105	0	3,839	139	0	*-14	3,964
East Tennessee	10,417	0	0	0	0	0	0	0
El Paso	120,318	0	0	5,688	0	0	*-1,734	3,954
Equitrans	7,060	0	0	0	0	0	0	0
Florida Gas	24,463	0	0	*-475	0	0	*-165	*-640
Great Lakes Gas	78,506	0	0	0	0	0	0	0
High Island Offshore	22,183	0	0	0	0	0	0	0
Iroquois Gas Transm. Sys.	23,512	0	0	0	0	0	0	0
K N Energy Inc.	24,805	0	0	0	0	0	29	29
Kern River Gas Trans.	22,953	0	0	0	0	0	0	0
Michigan Gas Storage	28,326	0	0	0	0	0	0	0
Midwestern	9,279	0	0	*-10	0	0	0	*-10
Mississippi River	31,108	0	0	438	0	0	0	438
Mojave Pipeline Co.	6,356	0	0	0	0	0	0	0
Mountain Fuel Res.	30,809	0	0	445	0	0	0	445
National Fuel	35,380	0	0	0	0	0	0	0
Natural Gas Pipeline	203,152	0	1,045	5,737	0	6,296	1	12,034
Northern Border	49,695	0	0	0	0	0	0	0
Northern Natural	181,158	0	0	8,308	0	0	4,711	13,019
Northwest Alaskan	0	0	0	0	0	27,698	0	27,698
Northwest Pipeline	61,314	0	0	0	0	60	0	60
Overthrust Pipeline	0	0	0	0	0	0	0	0
Pacific Gas Transm.	69,744	0	0	0	0	0	0	0
Pacific Interstate	0	0	0	0	0	0	7,273	7,273
Panhandle Eastern	16,421	0	0	*-149	0	0	0	*-149
Sabine Pipeline Co.	19,974	0	0	0	0	0	0	0
Sea Robin Pipeline	22,580	0	0	0	0	0	0	0
Southern Natural	61,419	0	0	10,212	0	0	0	10,212
Stingray Pipeline	23,778	0	0	0	0	0	0	0
Tenneco, Inc.	177,265	47	0	8,616	0	636	609	9,861
Texas Eastern	107,773	3	0	1,780	0	0	0	1,780
Texas Gas Transm.	7,780	0	0	6,259	0	0	*-7,951	*-1,692
Trailblazer Pipeline	3,755	0	0	0	0	0	0	0
Transcontinental	215,967	0	0	19,040	0	0	2,095	21,135
Transwestern Pipeline	57,365	0	0	198	0	0	0	198
Trunkline Gas Co.	47,383	0	0	12,097	0	0	0	12,097
U-T Offshore	8,413	0	0	0	0	0	0	0
United Gas Pipeline	83,107	0	0	5,533	0	0	0	5,533
Valero Interstate Transm.	3,828	0	0	0	0	0	504	504
Viking Gas Company	12,299	0	0	0	0	0	0	0
Williams Natural	41,450	0	0	6	0	0	0	6
Williston Basin	8,564	420	0	0	0	0	0	0
Wyoming Interstate	2,085	0	0	0	0	0	0	0
Total	2,513,588	1,840	1,167	93,406	9,355	34,845	5,322	142,928
Purchases from Other Major Companies	—	—	—	0	0	0	11,964	11,964
Purchases Excluding Purchases from Other Major Companies	—	—	—	93,406	9,355	34,845	*-6,642	130,964

* Includes out-of-period adjustments to correct data in prior month.

Notes: (1) Previously published manufactured gas is now summarized with liquefied natural gas, gasified coal, and synthetic gas production. Two lines have been added to this table that explicitly differentiate transactions between major and nonmajor pipeline companies. See Appendix A, Explanatory Note 9 for discussion of major interstate pipeline companies. Totals may not equal sum of components because of independent rounding.

(2) As of January 1993, Arkla, Inc. does not meet the filing requirements for the FERC-11. Arkla Energy Resources Company (A.E.R. Co.) is a subsidiary of Arkla, Inc.. Data submitted on the FERC-11 for A.E.R. Co. will indicate less sales volumes and revenues than previous years reported by Arkla, Inc..

Source: Form FERC-11.

Table 13. Underground Natural Gas Storage - All Operators, 1988-1994

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1988 Total^a	3,800	2,850	6,650	94	3.4	2,174	2,244	-69
1989 Total^a	3,812	2,513	6,325	-337	-11.8	2,491	2,804	-313
1990 Total^a	3,868	3,068	6,936	555	22.1	2,433	1,934	499
1991 Total^a	3,954	2,824	6,778	-244	-8.0	2,608	2,689	-80
1992								
January	4,061	2,216	6,277	-146	-6.2	68	591	-524
February	4,057	1,837	5,894	-226	-10.9	52	441	-389
March	4,046	1,545	5,591	-367	-19.2	81	381	-301
April	4,038	1,573	5,611	-463	-22.8	167	150	18
May	4,044	1,848	5,892	-425	-18.7	330	53	277
June	4,050	2,153	6,203	-400	-15.7	366	43	323
July	4,064	2,460	6,524	-311	-11.2	357	50	307
August	4,062	2,761	6,823	-217	-7.3	364	54	309
September	4,061	3,044	7,105	-157	-4.9	346	48	298
October	4,065	3,223	7,288	-146	-4.3	264	78	186
November	4,061	3,054	7,115	-94	-3.0	95	276	-181
December	4,044	2,597	6,641	-227	-8.0	65	557	-491
Total	—	—	—	—	—	2,555	2,724	-168
1993								
January	4,041	2,046	6,087	-170	-7.7	50	607	-556
February	4,015	1,519	5,534	-318	-17.3	27	578	-551
March	3,994	1,238	5,232	-306	-19.8	79	382	-303
April	4,004	1,337	5,340	-236	-15.0	222	110	112
May	4,026	1,744	5,771	-104	-5.6	457	25	432
June	4,039	2,118	6,157	-35	-1.6	418	44	374
July	4,039	2,471	6,510	11	0.5	399	49	350
August	4,263	2,572	6,835	-189	-6.8	421	100	321
September	4,255	2,904	7,159	-140	-4.6	382	28	354
October	4,314	2,998	7,312	-225	-7.0	255	102	154
November	4,325	2,781	7,106	-273	-8.9	112	316	-204
December	4,325	2,341	6,666	-256	-9.9	58	499	-441
Total	—	—	—	—	—	2,879	2,840	39
1994								
January	4,344	1,616	5,960	-430	-21.0	46	755	-709

^a Total as of December 31.^b Total underground storage capacity at the end of each calendar Year (in billion cubic feet): 1988, and 1989 - 8,124; 1990 - 8,125; 1991 - 7,993; 1992 - 7,932; and 1993 - 7,989.^c Positive numbers indicate the volume of injections in excess of withdrawals. Negative numbers indicate the volume of withdrawals in excess of injections.

— = Not Applicable.

Notes: Data for 1988 through 1992 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Total working gas that has been reclassified as base gas at the end of each month (in billion cubic feet): Aug. 1993 - 217; Sept. 1993 - 218; Oct. 1993 - 277; Nov. 1993, Dec. 1993, and Jan. 1994 - 298.

Source: Form EIA-191, Form FERC-8, and Form EIA-176.

Figure 5. Underground Natural Gas Storage in the United States, 1989 - 1993

Source: Form EIA-191, Form FERC-8, and Form EIA-176

Table 14. Underground Natural Gas Storage - Interstate Operators of Storage Fields, 1988-1994

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1988 Total^a	2,469	2,092	4,561	68	3.3	1,587	1,532	55
1989 Total^a	2,478	1,784	4,242	-328	-15.7	1,788	2,072	-285
1990 Total^a	2,496	2,203	4,699	439	24.9	1,705	1,284	421
1991 Total^a	2,571	1,985	4,556	-218	-9.9	1,904	2,015	-111
1992								
January	2,675	1,554	4,230	-164	-9.5	60	410	-350
February	2,671	1,289	3,960	-213	-14.2	37	317	-280
March	2,661	1,080	3,741	-338	-23.8	65	284	-219
April	2,653	1,104	3,757	-396	-26.4	121	108	12
May	2,659	1,285	3,945	-362	-22.0	237	42	195
June	2,665	1,486	4,151	-348	-19.0	253	32	221
July	2,679	1,695	4,375	-274	-13.9	254	34	220
August	2,676	1,908	4,584	-197	-9.4	260	36	224
September	2,675	2,111	4,785	-155	-6.8	240	27	213
October	2,677	2,231	4,908	-151	-6.3	184	56	128
November	2,673	2,110	4,784	-100	-4.5	74	209	-135
December	2,652	1,819	4,471	-166	-8.4	54	386	-332
Total	—	—	—	—	—	1,838	1,940	-102
1993								
January	2,649	1,443	4,091	-111	-7.2	43	421	-379
February	2,632	1,050	3,683	-239	-18.5	17	425	-409
March	2,615	829	3,444	-251	-23.3	46	282	-235
April	2,624	897	3,521	-207	-18.8	148	77	71
May	2,644	1,196	3,840	-89	-6.9	337	15	322
June	2,650	1,474	4,124	-12	-0.8	309	26	282
July	2,650	1,734	4,384	38	2.2	286	29	257
August	2,672	1,756	4,428	-152	-8.0	319	78	241
September	2,674	2,019	4,693	-92	-4.4	275	13	262
October	2,930	2,058	4,988	-173	-7.8	171	77	95
November	2,945	1,875	4,820	-235	-11.1	78	244	-166
December	2,944	1,553	4,496	-266	-14.6	37	358	-320
Total	—	—	—	—	—	2,065	2,044	21
1994								
January	2,950	1,034	3,984	-409	-28.3	18	528	-509

^a Total as of December 31.

^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1988, 1989, and 1990 - 5,622; 1991 - 5,512; 1992 - 5,524; and 1993 - 5,367.

^c Positive numbers indicate the volume of injections in excess of withdrawals. Negative numbers indicate the volume of withdrawals in excess of injections.

— = Not Applicable.

Notes: Data for 1988 through 1992 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Source: Form EIA-191, Form FERC-8, and Form EIA-176.

Table 16. Net Withdrawals from Underground Storage, by State, 1992-1994
(Volumes in Million Cubic Feet)

State	1994	1993					
	January	Total	December	November	October	September	August
Arkansas	1,468	4,541	857	634	126	0	0
California	24,480	-21,527	34,162	15,024	-12,900	-14,928	-10,526
Colorado	4,964	-2,475	1,122	2,516	-385	-4,187	-4,540
Illinois	72,672	-8,214	43,919	9,243	-25,480	-36,219	-33,783
Indiana	6,416	-1,222	2,515	1,370	-1,348	-4,192	-4,544
Iowa	18,261	-5,155	17,624	6,658	-7,585	-12,617	-10,344
Kansas	15,471	-12,761	9,041	9,837	-2,121	-14,328	-8,766
Kentucky	17,188	8,864	10,713	5,840	-1,089	-6,357	-4,815
Louisiana	45,893	-10,850	43,757	13,495	-15,298	-35,912	-27,799
Maryland	6,410	865	2,869	-411	-2,688	-2,547	-1,718
Michigan	143,792	-39,542	91,168	51,436	-33,852	-66,961	-82,150
Minnesota	527	147	311	75	-83	-238	-128
Mississippi	9,330	843	7,138	913	275	-5,542	-3,332
Missouri	1,266	68	-149	122	-215	-206	-317
Montana	3,824	21,332	3,231	4,106	88	-453	-302
Nebraska	2,628	-3,667	2,342	1,766	30	-1,539	-1,857
New Mexico	3,007	8,841	-82	2,713	-1,796	-612	2,318
New York	17,846	-412	10,061	3,440	-2,063	-7,364	-8,269
Ohio	56,653	21,318	40,369	11,977	-6,840	-25,635	-26,949
Oklahoma	30,988	-16,750	14,749	17,766	-8,050	-15,947	-13,432
Oregon	1,262	69	1,103	731	-490	-578	-1,042
Pennsylvania	113,112	855	48,965	6,173	-14,785	-49,905	-40,777
Texas	49,677	12,841	17,164	15,301	-5,730	-18,629	-11,975
Utah	4,357	-8,138	4,635	5,588	-5,223	-5,103	-5,153
Washington	1,602	-1,757	-1,707	3,780	1,759	-1,979	-620
West Virginia	55,735	11,979	32,857	12,919	-6,858	-20,458	-18,763
Wyoming	571	489	2,280	1,445	-922	-1,206	-1,625
Total	709,402	-39,418	441,014	204,457	-153,523	-353,643	-321,219

See footnotes at end of table.

Table 15. Underground Natural Gas Storage - Interstate Operators and Independent Producers, 1988-1994

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1988 Total^a	1,331	758	2,089	26	3.8	587	711	-124
1989 Total^a	1,335	749	2,083	-9	-1.2	705	732	-26
1990 Total^a	1,372	864	2,236	115	15.4	728	650	78
1991 Total^a	1,383	839	2,221	-25	-2.9	705	674	31
1992								
January	1,386	661	2,047	18	2.7	8	182	-174
February	1,386	548	1,934	-13	-2.4	15	124	-109
March	1,385	465	1,850	-29	-5.9	16	98	-82
April	1,385	470	1,854	-67	-12.5	47	42	5
May	1,385	563	1,948	-63	-10.1	93	11	82
June	1,385	666	2,051	-52	-7.3	113	11	102
July	1,385	764	2,150	-37	-4.6	103	16	87
August	1,386	853	2,239	-20	-2.3	103	18	85
September	1,386	933	2,320	-3	-0.3	106	21	85
October	1,388	992	2,380	6	0.6	80	22	57
November	1,388	943	2,331	6	0.6	21	67	-46
December	1,392	778	2,170	-61	-7.3	11	171	-160
Total	—	—	—	—	—	717	784	-67
1993								
January	1,393	603	1,996	-58	-8.8	7	185	-178
February	1,382	469	1,851	-79	-14.5	11	153	-142
March	1,378	410	1,788	-55	-11.9	32	100	-68
April	1,379	440	1,819	-29	-6.3	74	33	40
May	1,382	548	1,931	-15	-2.6	120	10	110
June	1,389	644	2,033	-23	-3.4	109	18	91
July	1,388	738	2,126	-27	-3.5	113	20	93
August	1,390	816	2,207	-37	-4.3	102	22	81
September	1,381	885	2,266	-48	-5.2	107	15	92
October	1,384	940	2,324	-52	-5.2	84	25	59
November	1,380	905	2,286	-38	-4.0	34	72	-39
December	1,382	788	2,170	10	1.3	21	141	-121
Total	—	—	—	—	—	814	796	18
1994								
January	1,394	582	1,976	-21	-3.5	28	228	-200

^a Total as of December 31.

^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1988, and 1989 - 2,502; 1990 - 2,503; 1991 - 2,481; 1992 - 2,407; and 1993 - 2,621.

^c Positive numbers indicate the volume of injections in excess of withdrawals. Negative numbers indicate the volume of withdrawals in excess of injections. — = Not Applicable.

Notes: Data for 1988 through 1992 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Source: Form EIA-191, Form FERC-8, and Form EIA-176.

Table 16. Net Withdrawals from Underground Storage, by State, 1992-1994
(Volumes in Million Cubic Feet) — Continued

State	1993						
	July	June	May	April	March	February	January
Arkansas	10	-14	824	121	478	872	633
California	-23,040	-13,993	-28,521	-15,646	-6,478	17,346	37,972
Colorado	-3,880	-4,646	-2,713	3,405	2,509	5,116	3,207
Illinois	-30,687	-32,862	-33,685	-2,881	25,052	49,451	59,730
Indiana	-4,455	-2,127	-1,257	-399	2,572	5,046	5,599
Iowa	-10,896	-8,100	-6,824	-5,491	2,650	10,799	18,971
Kansas	-5,456	-11,747	-24,818	-3,308	4,688	15,609	18,609
Kentucky	-7,557	-7,759	-8,426	726	9,515	10,958	5,114
Louisiana	-26,990	-35,287	-38,181	-3,356	22,821	43,458	48,442
Maryland	-1,126	-1,175	-2,217	456	1,859	4,290	3,272
Michigan	-84,803	-85,218	-75,304	-20,444	65,891	103,072	97,623
Minnesota	-409	-344	-318	49	418	418	396
Mississippi	-5,147	-4,474	-7,011	-2,502	6,109	8,454	5,961
Missouri	-102	-451	-1,049	-1,551	1,085	1,811	1,091
Montana	-1,169	685	1,157	1,710	2,759	4,420	5,100
Nebraska	-2,561	-4,278	-2,958	-975	1,010	2,009	3,344
New Mexico	-269	-1,221	-2,705	2,927	792	4,164	2,613
New York	-10,095	-10,768	-10,921	-3,964	10,303	16,122	13,106
Ohio	-29,068	-31,671	-29,544	-3,384	38,459	45,111	38,493
Oklahoma	-14,917	-17,825	-20,586	-12,860	8,856	21,531	23,966
Oregon	-1,181	-1,298	-1,645	426	728	1,397	1,918
Pennsylvania	-46,928	-53,535	-57,981	-18,784	56,156	100,956	71,301
Texas	-9,730	-8,376	-27,775	-19,952	12,328	24,856	45,359
Utah	-5,170	-6,636	-6,685	1,016	3,663	5,057	5,873
Washington	-2,148	-866	-4,528	-1,002	-1,231	3,347	3,439
West Virginia	-20,172	-27,572	-39,358	-5,496	29,813	43,205	31,863
Wyoming	-2,051	-2,069	-983	-500	371	2,388	3,361
Total	-349,997	-373,828	-432,012	-111,862	303,175	551,262	556,357

See footnotes at end of table.

Table 16. Net Withdrawals from Underground Storage, by State, 1992-1994
(Volumes in Million Cubic Feet) — Continued

State	1992						
	Total	December	November	October	September	August	July
Arkansas	514	624	366	196	-434	-664	-852
California	28,120	54,629	9,135	-8,186	-17,264	-10,887	-15,281
Colorado	4,860	2,582	3,085	-2,169	-5,922	-6,286	-4,177
Illinois	8,608	42,048	14,263	-26,155	-32,462	-35,313	-28,140
Indiana	840	3,610	2,364	-2,936	-5,203	-4,107	-5,123
Iowa	4,259	18,942	7,997	-8,683	-10,088	-10,162	-10,141
Kansas	18,486	12,181	9,027	-3,672	-10,142	-11,527	-4,255
Kentucky	-6,573	2,982	1,514	-10,704	-4,201	-1,610	-3,544
Louisiana	13,958	31,771	5,495	-18,911	-16,545	-13,386	-13,811
Maryland	-333	2,249	-544	-1,333	-2,204	-2,546	-1,942
Michigan	2,251	84,911	47,094	-28,345	-67,401	-67,079	-73,161
Minnesota	-43	193	7	4	-126	-184	-299
Mississippi	-1,732	6,940	998	-267	-6,250	-297	-4,165
Missouri	15	7	8	-191	-208	-218	-266
Montana	12,602	5,601	3,347	1,357	280	-766	-1,026
Nebraska	-407	3,451	2,461	316	-1,167	-1,187	-2,083
New Mexico	2,458	-417	1,036	-2,559	-1,172	-1,949	2,103
New York	-1,572	10,534	3,023	-3,455	-6,488	-9,745	-10,849
Ohio	15,672	31,661	5,352	-11,598	-15,846	-23,106	-28,770
Oklahoma	10,058	31,363	16,578	-7,728	-12,709	-5,444	-16,356
Oregon	872	579	1,100	-173	-453	-1,010	-1,194
Pennsylvania	-5,873	57,665	-2,844	-28,736	-47,631	-48,824	-41,339
Texas	43,441	55,358	35,326	-9,677	-15,735	-28,309	-17,447
Utah	-4,482	6,756	5,453	-1,264	-3,128	-4,680	-3,526
Washington	5,667	3,797	947	760	-1,196	-1,458	-1,024
West Virginia	8,180	17,912	6,875	-12,723	-13,281	-18,576	-19,023
Wyoming	8,536	3,440	1,735	1,034	-814	-101	-1,069
Total	168,381	491,369	181,199	-185,819	-297,793	-309,424	-306,761

See footnotes at end of table.

Table 16. Net Withdrawals from Underground Storage, by State, 1992-1994
(Volumes in Million Cubic Feet) — Continued

State	1992					
	June	May	April	March	February	January
Arkansas	-509	16	159	443	519	652
California	-23,985	-15,170	-15,220	14,214	15,305	40,831
Colorado	-2,019	368	4,146	6,690	2,758	5,804
Illinois	-29,861	-31,163	8,578	25,247	43,448	58,118
Indiana	-2,563	-1,206	500	4,104	4,606	6,794
Iowa	-7,264	-7,583	-2,061	3,325	11,535	18,442
Kansas	-2,319	-2,161	4,821	9,031	13,082	4,420
Kentucky	-1,546	1,236	1,675	4,848	1,211	1,568
Louisiana	-18,063	-19,021	-719	10,774	24,031	42,343
Maryland	-2,867	-3,527	958	2,840	5,269	3,314
Michigan	-66,808	-43,850	-507	62,627	72,236	82,535
Minnesota	-307	-391	198	311	123	426
Mississippi	-7,931	-3,896	-106	2,086	1,362	9,794
Missouri	-146	-427	-1,570	330	1,199	1,498
Montana	-714	-1,517	-63	484	2,207	3,412
Nebraska	-2,611	-1,609	-604	46	1,041	1,540
New Mexico	-542	95	2,400	734	710	2,019
New York	-9,127	-9,430	-2,328	11,629	13,614	11,051
Ohio	-29,912	-26,466	-2,246	36,501	35,632	44,471
Oklahoma	-11,329	-8,448	-5,813	3,738	8,339	17,866
Oregon	-1,540	-1,572	443	1,586	1,540	1,568
Pennsylvania	-58,946	-45,507	-6,017	61,022	73,709	81,577
Texas	-16,212	-26,278	-2,096	4,693	20,462	43,357
Utah	-2,776	-3,514	-1,845	-252	415	3,899
Washington	-1,175	-1,351	877	581	2,979	1,930
West Virginia	-21,294	-24,410	-1,169	32,072	29,522	32,275
Wyoming	-568	-343	84	866	2,005	2,269
Total	-322,935	-277,127	-17,528	300,570	388,858	523,770

Notes: This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data for "1991 and 1992" are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year.

Source: Form EIA-191.

**Table 17. Activities of Underground Natural Gas Storage Operators, by State,
January 1994**
(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Arkansas	31,278	17,388	2,383	19,771	-4158	-63.6	0	1,468
California	472,109	251,384	136,077	387,461	29188	27.3	15,728	40,208
Colorado	105,790	48,549	24,333	72,882	-4192	-14.7	358	5,322
Illinois	952,388	624,627	158,141	782,768	-45782	-22.5	3,530	76,202
Indiana	107,472	71,453	23,603	95,056	-99	-0.4	312	6,728
Iowa	279,700	200,700	21,994	222,694	-42258	-65.8	0	18,261
Kansas	289,798	183,109	60,290	243,399	15397	34.3	4,045	19,515
Kentucky	210,242	105,433	64,850	170,283	-22456	-25.7	431	17,619
Louisiana	542,900	263,032	111,073	374,104	7786	7.5	2,723	48,616
Maryland	62,400	46,677	5,460	52,137	-4366	-44.4	2	6,412
Michigan	1,043,782	419,750	291,525	711,275	-6774	-2.3	1,596	145,388
Minnesota	7,000	4,655	1,430	6,085	-278	-16.3	0	527
Mississippi	114,627	70,459	21,838	92,297	-24589	-53.0	3,034	12,364
Missouri	30,564	21,600	7,602	29,202	-245	-3.1	528	1,794
Montana	375,010	168,573	78,106	246,679	-18713	-19.3	267	4,091
Nebraska	93,312	78,357	3,476	81,833	-47626	-93.2	0	2,628
New Mexico	94,600	29,766	4,947	34,712	-7757	-61.1	412	3,419
New York	173,463	102,808	40,382	143,191	-2636	-6.1	165	18,011
Ohio	594,644	358,966	54,508	413,475	-39036	-41.7	1,074	57,726
Oklahoma	359,616	229,091	60,346	289,436	-39822	-39.8	691	31,679
Oregon	11,445	3,291	5,145	8,436	587	12.9	0	1,262
Pennsylvania	670,668	370,909	177,908	548,817	-40058	-18.4	776	113,888
Texas	594,009	234,211	138,601	372,812	-103676	-42.8	8,172	57,850
Utah	114,980	51,582	19,244	70,826	7672	66.3	45	4,402
Washington	34,100	18,800	9,672	28,472	3597	59.2	1,582	3,184
West Virginia	519,286	308,278	71,547	379,825	-40501	-36.1	331	56,065
Wyoming	105,669	60,746	21,419	82,165	889	4.3	146	716
Total	7,990,852	4,344,194	1,615,901	5,960,095	-429907	-21.0	45,947	755,349

Notes: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Source: Form EIA-191.

Table 18. Natural Gas Deliveries to Residential Consumers by State, 1991-1993
(Million Cubic Feet)

State	YTD 1993	YTD 1992	YTD 1991	1993		
				December	November	October
Alabama	51,207	49,644	46,149	6,701	3,835	1,522
Alaska	13,858	14,350	13,562	1,772	1,261	1,043
Arizona	28,166	28,386	31,353	4,558	1,848	988
Arkansas	45,632	39,474	40,639	6,176	4,020	1,576
California	499,290	479,537	508,697	70,493	39,229	24,385
Colorado	105,894	94,614	97,440	14,488	8,959	4,436
Connecticut	41,783	42,394	37,181	5,062	4,059	2,286
Delaware	8,272	8,194	7,189	971	607	288
District of Columbia	16,422	16,587	15,286	2,113	1,104	582
Florida	13,813	14,380	12,908	1,591	998	699
Georgia	115,626	108,214	96,662	20,505	11,563	6,126
Hawaii	558	551	545	47	46	42
Idaho	12,511	9,659	10,223	2,049	1,155	479
Illinois	495,409	475,360	466,970	75,161	51,239	31,948
Indiana	163,091	152,692	146,446	24,264	16,541	9,447
Iowa	84,028	74,879	78,801	12,178	8,692	4,604
Kansas	85,071	71,522	74,825	11,594	6,810	2,684
Kentucky	67,259	61,911	59,465	11,464	7,666	3,885
Louisiana	56,854	55,221	54,593	7,901	5,124	2,114
Maine	902	872	722	129	^a 68	62
Maryland	75,950	75,122	69,235	10,648	6,562	3,586
Massachusetts	121,254	119,670	102,955	14,383	^a 10,195	5,644
Michigan	365,632	358,088	337,205	50,114	34,000	22,111
Minnesota	123,007	113,560	117,148	18,110	12,468	7,000
Mississippi	28,383	26,487	25,756	3,837	2,521	934
Missouri	137,049	116,655	120,680	18,642	11,924	4,772
Montana	20,279	16,673	18,413	2,939	2,219	1,234
Nebraska	49,725	41,414	44,671	5,479	4,137	1,906
Nevada	20,683	18,184	19,135	3,261	1,492	804
New Hampshire	6,529	6,449	5,609	790	564	328
New Jersey	201,425	198,462	176,640	27,298	17,676	9,887
New Mexico	31,922	31,433	29,767	5,813	^a 4,366	^a 2,004
New York	387,813	378,689	338,892	49,991	33,861	19,182
North Carolina	47,156	42,588	37,976	6,740	3,922	1,461
North Dakota	10,717	9,693	10,338	1,456	964	505
Ohio	351,520	340,628	321,724	51,047	34,700	20,304
Oklahoma	78,572	65,811	69,200	10,701	6,801	2,324
Oregon	29,784	23,109	26,324	4,897	2,337	^a 959
Pennsylvania	268,224	266,528	242,728	37,301	24,272	15,206
Rhode Island	19,722	20,000	17,366	2,023	1,510	975
South Carolina	24,093	22,392	19,612	3,615	2,009	624
South Dakota	12,431	10,791	11,218	1,768	1,261	641
Tennessee	57,855	52,220	49,357	8,902	5,590	1,801
Texas	228,787	214,682	222,200	32,256	23,455	11,442
Utah	51,779	44,701	50,572	7,619	4,676	2,322
Vermont	2,530	2,520	2,203	285	189	127
Virginia	64,511	62,431	54,199	9,866	5,466	2,655
Washington	54,412	43,048	46,222	8,490	4,745	^a 2,216
West Virginia	34,930	35,291	32,587	5,030	3,308	1,805
Wisconsin	129,957	123,405	124,081	18,444	13,624	7,833
Wyoming	12,679	10,895	11,992	1,733	1,183	641
Total	4,954,653	4,690,065	4,555,659	702,695	^a456,859	^a252,428

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Residential Consumers by State, 1991-1993
(Million Cubic Feet) — Continued

State	1993					
	September	August	July	June	May	April
Alabama	1,326	1,326	1,426	1,638	2,840	5,652
Alaska	513	402	423	577	891	1,288
Arizona	855	802	833	1,097	1,298	2,179
Arkansas	1,103	1,017	1,109	1,309	2,256	4,970
California	23,927	22,743	23,641	25,109	29,404	36,242
Colorado	3,019	2,384	2,843	3,985	6,487	9,870
Connecticut	1,117	959	1,026	1,257	1,921	3,989
Delaware	184	167	184	242	447	1,016
District of Columbia	423	414	432	540	817	1,624
Florida	662	611	671	764	952	1,463
Georgia	2,882	2,922	3,013	3,111	4,449	9,292
Hawaii	42	41	46	47	44	48
Idaho	309	250	301	333	689	1,040
Illinois	15,198	9,736	10,380	12,724	18,265	42,438
Indiana	4,001	3,080	3,140	4,346	6,398	14,327
Iowa	2,142	1,527	1,566	2,387	3,458	7,613
Kansas	1,803	1,684	1,874	2,459	4,727	9,162
Kentucky	1,420	1,145	1,299	1,722	1,921	5,024
Louisiana	1,890	1,837	2,112	2,217	2,946	5,580
Maine	27	22	22	30	38	71
Maryland	2,114	1,898	1,943	2,442	3,419	6,596
Massachusetts	3,286	3,090	3,505	4,472	7,277	13,203
Michigan	9,908	7,120	8,494	11,337	18,067	34,718
Minnesota	3,537	2,389	2,565	3,564	5,382	10,745
Mississippi	816	789	831	949	1,467	2,965
Missouri	3,095	2,486	2,870	3,675	7,478	13,434
Montana	735	526	604	639	997	1,674
Nebraska	1,162	954	1,068	1,427	2,252	4,864
Nevada	651	612	600	910	1,087	1,503
New Hampshire	155	124	149	211	349	721
New Jersey	5,304	4,617	5,104	5,972	8,744	19,991
New Mexico	856	828	^a 965	^a 442	^a 981	^a 1,894
New York	9,836	9,195	10,140	13,837	20,317	39,136
North Carolina	815	762	830	1,040	1,979	5,036
North Dakota	271	210	268	350	568	1,082
Ohio	7,937	6,501	7,220	11,797	13,734	32,024
Oklahoma	1,734	1,616	1,837	2,338	3,917	8,042
Oregon	699	672	768	945	1,769	2,533
Pennsylvania	6,898	5,668	5,595	8,528	10,967	24,899
Rhode Island	487	472	558	671	1,117	2,200
South Carolina	387	373	402	495	947	2,532
South Dakota	363	236	281	370	606	1,153
Tennessee	1,108	1,007	1,102	1,353	2,288	5,647
Texas	7,217	7,393	7,750	8,441	10,676	17,317
Utah	1,449	1,353	1,533	1,845	3,055	4,375
Vermont	51	45	50	84	138	271
Virginia	1,414	1,391	1,420	1,608	2,402	5,781
Washington	1,406	1,270	1,455	2,676	3,191	4,766
West Virginia	735	616	529	955	1,596	3,534
Wisconsin	3,874	2,570	2,487	3,726	5,548	12,504
Wyoming	381	292	366	506	811	1,166
Total	141,523	120,146	^a129,633	^a163,498	^a233,371	^a449,193

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Residential Consumers by State, 1991-1993
(Million Cubic Feet) — Continued

State	1993			1992		
	March	February	January	Total	December	November
Alabama	8,691	8,165	8,087	49,644	7,261	3,402
Alaska	1,471	2,138	2,079	14,350	1,682	1,442
Arizona	4,080	4,122	5,507	28,386	5,118	1,576
Arkansas	6,735	7,123	8,139	39,474	6,185	3,132
California	50,580	65,997	87,540	479,537	75,266	37,291
Colorado	14,984	15,937	18,500	94,614	15,715	7,607
Connecticut	6,171	7,302	6,635	42,394	5,855	3,876
Delaware	1,483	1,382	1,301	8,194	1,044	628
District of Columbia	2,838	2,795	2,740	16,587	2,213	1,314
Florida	1,903	1,849	1,650	14,380	1,766	956
Georgia	15,685	18,101	17,977	108,214	18,555	12,934
Hawaii	52	51	51	551	50	42
Idaho	1,699	1,951	2,256	9,659	1,946	1,024
Illinois	68,000	74,465	85,855	475,360	77,632	54,950
Indiana	23,924	25,852	27,770	152,692	24,261	15,953
Iowa	11,612	13,078	15,171	74,879	12,827	8,350
Kansas	13,049	13,450	15,775	71,522	12,732	6,102
Kentucky	9,264	11,225	11,222	61,911	10,617	6,997
Louisiana	7,940	8,409	8,584	55,221	8,411	4,185
Maine	115	153	144	872	111	70
Maryland	12,217	12,767	11,757	75,122	10,567	6,855
Massachusetts	18,308	19,634	18,257	119,670	14,189	10,056
Michigan	54,009	56,815	58,940	358,088	50,376	34,278
Minnesota	16,317	18,621	22,308	113,560	18,543	12,857
Mississippi	4,402	4,393	4,480	26,487	4,198	1,927
Missouri	21,556	21,884	25,234	116,655	19,801	10,344
Montana	2,591	2,490	3,631	16,673	3,065	1,792
Nebraska	7,316	7,759	11,404	41,414	7,085	4,561
Nevada	2,715	3,157	3,892	18,184	3,302	1,226
New Hampshire	1,009	1,081	1,048	6,449	750	526
New Jersey	31,606	34,599	30,626	198,462	27,553	17,953
New Mexico	^a 3,484	4,736	^a 5,552	31,433	5,194	1,992
New York	60,720	62,212	59,387	378,689	49,715	30,758
North Carolina	8,033	8,149	8,389	42,588	6,819	3,446
North Dakota	1,462	1,522	2,059	9,693	1,472	990
Ohio	52,333	58,337	55,585	340,628	49,551	34,181
Oklahoma	12,165	12,493	14,604	65,811	11,635	4,722
Oregon	3,844	4,570	5,790	23,109	4,337	1,993
Pennsylvania	42,203	44,864	41,824	266,528	36,609	24,806
Rhode Island	3,291	3,326	3,091	20,000	2,403	1,720
South Carolina	4,230	4,247	4,232	22,392	3,784	1,750
South Dakota	1,678	1,784	2,291	10,791	1,797	1,267
Tennessee	9,840	9,089	10,127	52,220	9,125	4,473
Texas	27,195	34,330	41,315	214,682	35,434	19,205
Utah	6,589	8,045	8,918	44,701	7,957	3,844
Vermont	433	446	412	2,520	308	205
Virginia	10,351	11,461	10,675	62,431	9,396	5,553
Washington	6,815	7,491	9,891	43,048	7,930	4,236
West Virginia	5,724	5,916	5,182	35,291	4,146	3,120
Wisconsin	18,048	18,316	22,983	123,405	19,080	13,233
Wyoming	1,655	1,799	2,145	10,895	1,803	1,071
Total	^a 702,413	769,882	^a 833,013	4,690,065	717,170	436,771

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Residential Consumers by State, 1991-1993
(Million Cubic Feet) — Continued

State	1992					
	October	September	August	July	June	May
Alabama	1,728	1,373	1,311	1,423	1,772	2,714
Alaska	1,209	643	438	474	628	1,012
Arizona	1,000	870	815	947	1,132	1,207
Arkansas	1,511	1,096	1,124	1,194	1,371	1,854
California	24,434	21,969	22,039	22,397	24,100	28,422
Colorado	3,547	2,644	2,438	2,809	3,963	5,005
Connecticut	2,271	1,155	996	1,125	1,394	2,417
Delaware	307	183	179	197	301	528
District of Columbia	642	446	420	469	630	948
Florida	685	636	627	674	733	936
Georgia	5,284	3,211	2,981	3,170	3,536	4,718
Hawaii	42	43	42	45	46	47
Idaho	428	274	183	233	247	445
Illinois	28,742	13,758	11,171	10,391	12,963	22,488
Indiana	8,361	3,960	3,312	3,484	4,627	7,584
Iowa	3,725	1,885	1,668	1,546	2,186	3,335
Kansas	2,421	1,798	1,740	1,932	2,609	3,788
Kentucky	3,376	1,413	1,416	1,326	1,835	2,626
Louisiana	2,222	2,014	1,960	2,067	2,288	2,799
Maine	41	17	22	24	37	66
Maryland	4,038	2,027	2,068	2,153	2,577	4,007
Massachusetts	5,342	3,369	3,203	3,453	4,822	8,475
Michigan	20,856	9,435	8,655	8,773	11,927	21,545
Minnesota	6,449	3,021	2,525	2,702	3,130	5,136
Mississippi	979	856	817	896	963	1,287
Missouri	4,259	2,942	2,681	2,931	3,838	5,858
Montana	1,106	727	421	485	541	837
Nebraska	2,030	1,096	983	1,047	1,311	2,020
Nevada	727	608	529	671	695	803
New Hampshire	288	151	139	159	219	461
New Jersey	10,368	5,338	4,918	5,239	6,166	11,680
New Mexico	1,033	889	851	929	1,122	1,514
New York	18,633	10,006	9,649	10,509	13,470	23,835
North Carolina	1,781	806	734	837	1,301	2,222
North Dakota	458	285	214	260	311	616
Ohio	20,929	8,111	7,238	8,098	10,336	17,276
Oklahoma	2,236	1,775	1,712	1,949	2,549	3,219
Oregon	1,017	648	526	610	772	1,248
Pennsylvania	15,853	6,950	5,902	6,134	8,047	13,989
Rhode Island	890	547	423	639	771	1,446
South Carolina	792	409	386	424	597	1,033
South Dakota	602	315	254	265	321	638
Tennessee	1,885	1,100	1,051	1,120	1,437	2,186
Texas	8,584	7,750	7,553	8,119	8,776	10,307
Utah	1,802	1,321	1,255	1,406	1,524	1,986
Vermont	129	53	49	53	72	145
Virginia	3,307	1,467	1,406	1,495	1,788	3,269
Washington	2,236	1,310	956	910	1,384	2,377
West Virginia	1,899	819	661	683	1,105	2,076
Wisconsin	7,630	3,229	2,662	2,604	3,681	6,373
Wyoming	551	360	278	323	431	613
Total	240,662	137,106	125,580	131,801	162,378	251,416

^a = Revised Data.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

Table 19. Natural Gas Deliveries to Commercial Consumers by State, 1991-1993

(Million Cubic Feet)

State	YTD 1993	YTD 1992	YTD 1991	1993		
				December	November	October
Alabama	25,916	25,232	23,711	3,086	2,123	1,299
Alaska	20,014	21,299	20,897	2,303	1,786	1,564
Arizona	27,612	27,089	27,597	3,332	2,112	1,559
Arkansas	28,917	25,314	25,986	3,467	2,472	1,386
California	269,939	285,008	287,608	30,311	22,096	21,022
Colorado	72,633	66,420	68,938	9,488	6,169	3,160
Connecticut	30,015	29,838	26,838	4,070	2,497	1,633
Delaware	5,252	4,965	4,253	766	408	226
District of Columbia	16,069	16,103	15,550	1,890	1,030	833
Florida	41,008	41,727	39,264	3,709	3,335	2,979
Georgia	57,689	53,861	51,036	7,774	5,259	3,351
Hawaii	2,123	2,144	2,148	172	183	173
Idaho	10,738	8,932	9,582	1,552	952	509
Illinois	203,202	196,964	193,844	28,087	22,151	13,063
Indiana	77,496	72,720	68,383	11,365	8,347	4,535
Iowa	50,422	46,095	46,615	6,833	5,673	2,864
Kansas	57,432	53,973	58,571	6,786	4,576	2,539
Kentucky	36,998	35,419	33,700	5,401	3,960	2,305
Louisiana	25,207	28,445	25,452	2,761	2,097	1,355
Maine	2,311	2,209	1,860	316	^a 224	166
Maryland	43,245	42,464	38,117	5,828	3,866	2,213
Massachusetts	63,991	64,352	53,188	6,965	^a 5,473	3,720
Michigan	178,300	173,802	165,558	23,491	16,698	10,119
Minnesota	85,965	82,381	85,875	12,086	9,030	5,575
Mississippi	20,304	17,942	17,743	2,428	1,819	1,047
Missouri	68,840	60,963	63,191	9,196	6,023	2,899
Montana	14,021	11,557	12,846	2,001	1,515	902
Nebraska	36,232	34,490	40,291	4,139	3,410	2,111
Nevada	17,553	16,101	16,960	2,175	1,425	1,050
New Hampshire	6,167	5,862	5,028	771	540	332
New Jersey	132,213	130,891	121,240	15,536	11,528	6,879
New Mexico	28,259	27,884	24,993	3,997	^a 3,202	^a 1,695
New York	219,459	217,214	199,598	26,737	18,110	13,867
North Carolina	36,492	36,418	34,313	4,801	3,209	2,058
North Dakota	10,644	9,759	10,732	1,478	1,068	629
Ohio	162,815	160,645	150,339	22,815	14,876	9,572
Oklahoma	40,926	35,190	39,588	5,215	3,440	1,565
Oregon	24,100	19,570	22,328	3,539	1,917	1,188
Pennsylvania	131,755	134,254	125,546	18,034	12,423	7,630
Rhode Island	9,206	9,080	8,269	1,323	1,009	503
South Carolina	16,764	16,644	15,796	2,031	1,436	983
South Dakota	10,698	9,122	9,473	1,418	1,085	633
Tennessee	51,266	46,532	45,953	6,614	4,752	2,599
Texas	207,955	184,673	180,973	21,558	17,601	12,816
Utah	19,540	16,584	19,276	3,010	1,696	731
Vermont	2,382	2,319	2,058	324	235	143
Virginia	52,672	50,757	44,077	6,843	4,336	3,092
Washington	43,787	37,800	41,738	5,869	3,668	^a 2,255
West Virginia	25,100	24,419	21,043	3,365	2,493	1,625
Wisconsin	78,943	71,314	71,516	11,044	8,516	4,833
Wyoming	9,614	8,009	9,101	1,305	817	624
Total	2,910,203	2,802,751	2,728,581	369,404	^a264,665	^a172,409

See footnotes at end of table.

Table 19. Natural Gas Deliveries to Commercial Consumers by State, 1991-1993
(Million Cubic Feet) — Continued

State	1993					
	September	August	July	June	May	April
Alabama	1,137	1,096	1,105	1,199	1,564	2,566
Alaska	1,113	958	918	1,055	1,442	1,864
Arizona	1,530	1,611	1,665	2,046	1,861	2,418
Arkansas	1,123	1,044	1,010	1,075	1,536	2,914
California	18,305	15,595	19,856	16,987	19,515	19,725
Colorado	3,084	2,393	2,482	3,162	4,353	6,587
Connecticut	1,023	911	973	1,012	1,430	2,874
Delaware	154	154	163	139	281	569
District of Columbia	678	697	658	724	1,138	1,534
Florida	2,886	2,835	2,923	3,075	3,352	3,864
Georgia	2,474	2,514	2,600	2,559	3,077	4,829
Hawaii	168	170	174	183	168	177
Idaho	383	362	385	389	569	833
Illinois	7,361	5,640	5,877	5,099	7,745	17,603
Indiana	2,365	1,793	1,800	2,057	2,850	6,549
Iowa	1,638	1,208	1,215	1,481	2,030	4,308
Kansas	2,474	3,420	3,504	2,248	2,924	5,087
Kentucky	1,214	1,005	1,029	1,443	1,326	2,923
Louisiana	1,297	1,280	1,269	1,456	1,746	2,381
Maine	77	67	71	80	107	192
Maryland	1,688	1,555	1,496	1,846	2,094	3,742
Massachusetts	2,713	2,513	2,614	3,121	4,066	6,366
Michigan	5,770	4,133	5,039	5,968	8,940	18,049
Minnesota	2,920	2,183	2,176	2,533	3,561	7,222
Mississippi	926	922	970	958	1,100	1,741
Missouri	2,249	1,988	2,093	2,293	4,168	6,389
Montana	537	418	439	436	686	1,143
Nebraska	1,302	1,781	1,289	1,351	1,440	3,027
Nevada	910	940	921	1,054	1,344	1,317
New Hampshire	186	171	177	204	294	612
New Jersey	5,268	3,901	5,985	5,256	7,197	13,341
New Mexico	1,795	1,408	1,416	^a 1,207	^a 1,490	^a 2,025
New York	9,891	10,413	10,369	11,087	11,562	20,159
North Carolina	1,521	1,415	1,314	1,421	1,793	3,300
North Dakota	381	294	317	347	477	926
Ohio	4,470	3,843	3,919	5,194	6,324	14,913
Oklahoma	1,361	1,442	1,343	1,458	2,075	3,770
Oregon	933	839	914	1,009	1,447	1,926
Pennsylvania	4,392	3,897	3,505	4,462	5,749	11,795
Rhode Island	243	364	273	330	429	907
South Carolina	830	834	826	861	988	1,478
South Dakota	393	292	315	343	531	996
Tennessee	2,022	1,839	1,912	2,023	2,618	4,625
Texas	11,459	15,027	16,324	15,471	14,520	17,105
Utah	441	414	471	560	1,074	1,605
Vermont	83	67	62	80	124	199
Virginia	2,104	2,052	1,986	2,171	2,825	4,835
Washington	1,844	1,765	1,816	1,921	2,797	3,817
West Virginia	1,086	1,012	906	1,088	1,271	2,184
Wisconsin	2,504	1,896	2,016	2,594	3,413	7,006
Wyoming	350	361	336	369	598	828
Total	123,057	114,729	123,216	^a126,485	^a156,008	^a257,143

See footnotes at end of table.

Table 19. Natural Gas Deliveries to Commercial Consumers by State, 1991-1993
(Million Cubic Feet) — Continued

State	1993			1992		
	March	February	January	Total	December	November
Alabama	3,632	3,581	3,528	25,235	3,338	1,983
Alaska	2,052	2,472	2,488	21,299	2,390	1,928
Arizona	3,071	2,968	3,439	27,135	3,573	1,858
Arkansas	3,987	4,161	4,742	25,314	3,596	2,078
California	23,421	33,785	29,322	285,035	28,738	20,999
Colorado	9,560	10,266	11,929	66,443	10,319	5,594
Connecticut	4,286	4,816	4,490	29,838	3,871	2,623
Delaware	850	810	732	4,965	622	395
District of Columbia	2,144	2,414	2,328	16,103	1,921	1,103
Florida	4,065	4,055	3,929	41,736	3,914	3,317
Georgia	7,755	7,887	7,610	53,861	7,642	4,640
Hawaii	179	190	185	2,144	184	178
Idaho	1,302	1,684	1,817	8,932	1,557	889
Illinois	27,690	29,700	33,186	196,972	31,575	22,757
Indiana	10,975	11,930	12,932	72,779	12,097	8,135
Iowa	6,756	7,756	8,662	46,097	7,827	5,843
Kansas	7,223	7,616	9,034	53,973	7,543	4,867
Kentucky	5,179	5,592	5,622	35,419	5,519	4,064
Louisiana	3,082	3,214	3,269	28,454	3,574	2,295
Maine	291	364	356	2,209	285	188
Maryland	6,182	6,514	6,222	42,464	5,565	3,895
Massachusetts	8,919	9,032	8,492	64,355	6,933	5,530
Michigan	25,283	27,068	27,742	173,806	24,211	16,298
Minnesota	11,305	12,792	14,583	82,381	12,795	9,526
Mississippi	2,655	2,944	2,794	17,942	2,387	1,489
Missouri	9,885	10,245	11,412	60,963	9,646	5,335
Montana	1,750	1,714	2,479	11,560	2,095	1,271
Nebraska	4,472	4,725	7,184	34,491	4,941	3,988
Nevada	2,022	2,117	2,279	16,113	2,170	1,022
New Hampshire	912	974	994	5,862	715	515
New Jersey	19,219	20,061	18,042	130,891	16,470	11,027
New Mexico	2,819	3,440	3,764	27,891	4,165	2,269
New York	28,850	29,647	28,766	217,220	25,808	16,804
North Carolina	5,038	5,223	5,398	36,424	4,941	3,010
North Dakota	1,339	1,478	1,911	9,762	1,549	1,015
Ohio	25,344	26,510	25,034	160,704	23,770	15,094
Oklahoma	5,949	6,186	7,124	35,235	5,771	2,608
Oregon	2,877	3,367	4,144	19,576	3,166	1,652
Pennsylvania	19,664	21,017	19,186	134,257	18,385	12,784
Rhode Island	1,325	1,359	1,140	9,089	951	654
South Carolina	2,158	2,114	2,225	16,644	2,089	1,345
South Dakota	1,346	1,498	1,849	9,127	1,476	1,104
Tennessee	7,385	7,553	7,326	46,534	6,846	3,963
Texas	19,070	21,693	25,314	184,677	22,093	17,386
Utah	2,695	3,307	3,536	16,599	3,120	1,329
Vermont	350	368	347	2,319	269	211
Virginia	7,305	7,738	7,386	50,757	6,895	4,714
Washington	5,201	5,718	7,118	37,893	5,709	3,418
West Virginia	3,452	3,504	3,114	24,419	3,396	2,092
Wisconsin	10,572	11,753	12,798	71,343	11,087	7,918
Wyoming	1,192	1,295	1,539	8,019	1,271	760
Total	374,035	408,214	420,838	2,803,262	380,772	255,758

See footnotes at end of table.

Table 19. Natural Gas Deliveries to Commercial Consumers by State, 1991-1993

(Million Cubic Feet) — Continued

State	1992					
	October	September	August	July	June	May
Alabama	1,320	1,136	1,078	1,108	1,225	1,513
Alaska	1,790	1,252	1,013	1,084	1,206	1,597
Arizona	1,580	1,601	1,505	1,690	1,754	1,620
Arkansas	1,219	1,029	1,022	1,082	1,108	1,358
California	19,112	19,247	21,633	21,150	22,150	27,118
Colorado	3,078	2,312	2,183	2,430	3,055	3,631
Connecticut	1,562	1,075	1,061	1,046	1,149	1,779
Delaware	240	162	152	166	198	308
District of Columbia	753	653	673	718	764	1,056
Florida	2,954	2,849	2,881	2,976	3,085	3,382
Georgia	3,201	2,462	2,503	2,536	2,596	3,103
Hawaii	168	178	173	174	184	177
Idaho	465	369	330	345	343	447
Illinois	12,394	6,618	6,025	5,811	4,907	8,872
Indiana	4,253	2,131	1,955	1,811	2,004	3,400
Iowa	2,645	1,433	1,257	1,100	1,427	1,877
Kansas	3,162	3,132	3,462	3,609	2,814	3,736
Kentucky	2,237	1,209	1,158	1,066	1,132	1,600
Louisiana	1,577	1,508	1,431	1,556	1,564	1,769
Maine	116	67	52	79	80	157
Maryland	2,491	1,615	1,586	1,553	1,784	2,391
Massachusetts	3,776	2,753	2,884	3,072	2,768	4,450
Michigan	9,760	5,431	4,964	4,981	5,883	10,406
Minnesota	5,092	2,631	2,296	2,244	2,467	3,602
Mississippi	942	847	867	885	888	994
Missouri	2,728	2,024	1,993	1,849	2,547	3,144
Montana	810	523	331	365	377	568
Nebraska	2,508	1,710	2,393	2,368	1,330	1,781
Nevada	982	872	824	1,015	945	1,012
New Hampshire	295	174	169	179	208	376
New Jersey	7,164	5,462	4,981	5,240	5,294	8,392
New Mexico	1,673	1,541	1,513	1,200	1,171	1,687
New York	12,860	9,582	9,456	9,327	9,915	13,518
North Carolina	2,138	1,679	1,607	1,591	1,733	2,205
North Dakota	576	363	262	279	298	529
Ohio	9,092	4,418	4,260	4,291	5,016	7,455
Oklahoma	1,449	1,240	1,292	1,407	1,540	1,785
Oregon	1,105	863	782	784	884	1,171
Pennsylvania	8,439	4,579	4,132	4,046	4,520	6,793
Rhode Island	609	411	479	448	498	676
South Carolina	1,006	875	882	820	944	1,068
South Dakota	558	324	284	291	303	460
Tennessee	2,368	1,933	1,681	1,838	2,016	2,436
Texas	11,672	11,356	12,966	13,768	10,879	12,557
Utah	545	405	372	410	457	642
Vermont	144	77	75	79	75	118
Virginia	3,275	1,903	2,055	2,085	2,271	3,289
Washington	2,240	1,734	1,514	1,575	1,830	2,343
West Virginia	1,482	910	855	812	999	1,341
Wisconsin	4,108	1,954	1,615	1,759	1,986	3,632
Wyoming	439	287	269	264	309	438
Total	166,151	120,899	121,186	122,339	124,881	169,759

* = Revised Data.

Notes: Geographic coverage is the 50 States and the District of Columbia. Deliveries for total year 1991 may not equal the sum of the twelve months. Gas volumes delivered for use as vehicle fuel are included in the annual total but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

Table 20. Natural Gas Deliveries to Industrial Consumers by State, 1991-1993
(Million Cubic Feet)

State	YTD 1993	YTD 1992	YTD 1991	1993		
				December	November	October
Alabama	174,278	169,049	154,825	15,200	14,682	14,775
Alaska	75,757	80,938	75,637	6,713	6,831	5,353
Arizona	21,132	19,774	19,204	2,183	2,006	1,799
Arkansas	113,458	118,850	104,850	10,507	10,534	9,753
California	576,526	594,569	602,619	50,775	48,826	57,645
Colorado	86,424	57,579	56,176	7,565	7,324	6,508
Connecticut	37,286	36,383	32,660	2,656	^a 3,385	3,359
Delaware	19,295	18,060	16,147	1,401	1,545	1,535
District of Columbia	0	0	0	0	0	0
Florida	100,638	84,829	83,398	9,885	9,020	8,716
Georgia	169,641	172,227	167,098	14,835	14,895	14,822
Hawaii	0	0	0	0	0	0
Idaho ^a	29,114	26,963	26,662	2,582	2,547	2,497
Illinois	304,382	300,366	302,691	30,286	27,863	25,265
Indiana	265,058	245,523	227,769	25,202	23,497	22,013
Iowa	103,011	100,752	97,446	9,472	9,907	9,043
Kansas	134,712	130,807	123,517	12,607	10,447	10,421
Kentucky	77,139	73,619	71,637	8,314	7,212	6,890
Louisiana	802,124	932,467	924,661	71,384	66,381	70,857
Maine	1,632	2,048	2,207	159	^a 186	187
Maryland	48,915	49,720	47,150	4,055	4,992	4,622
Massachusetts	82,690	70,872	54,750	8,610	^a 8,752	8,807
Michigan	318,344	305,416	271,987	29,325	27,104	24,910
Minnesota	90,928	93,025	92,251	8,744	7,744	8,224
Mississippi	115,934	102,612	104,622	12,183	9,651	10,006
Missouri	59,661	58,466	57,186	5,830	5,513	4,834
Montana	12,477	12,218	9,873	1,245	1,222	1,160
Nebraska	34,054	26,451	24,758	3,443	3,175	2,678
Nevada	38,161	9,259	6,624	3,320	3,187	3,057
New Hampshire	3,938	3,828	3,457	335	^a 410	327
New Jersey	185,196	174,589	100,768	15,544	16,677	14,524
New Mexico	18,409	17,070	19,346	1,745	^a 1,612	^a 1,744
New York	155,772	147,520	118,944	16,161	13,972	12,516
North Carolina	93,611	90,984	84,863	7,810	8,207	7,772
North Dakota	6,173	5,940	5,123	534	555	474
Ohio	301,431	294,805	279,750	32,733	27,464	24,355
Oklahoma	179,016	175,168	180,695	16,188	16,159	15,201
Oregon	61,780	58,519	55,049	5,220	5,292	5,247
Pennsylvania	244,168	236,708	231,375	21,152	19,753	19,273
Rhode Island	45,859	47,917	26,867	3,708	3,563	3,896
South Carolina	94,893	94,327	85,790	7,580	8,801	8,487
South Dakota	4,891	4,488	4,658	600	392	471
Tennessee	120,081	126,230	115,786	10,430	8,732	10,221
Texas	1,946,123	1,734,001	1,772,691	172,644	136,405	152,539
Utah	46,204	40,878	43,120	5,405	4,674	3,418
Vermont	2,045	1,958	1,717	187	191	181
Virginia	93,485	68,808	59,962	6,972	6,320	6,435
Washington	93,401	79,766	79,735	8,411	7,955	8,122
West Virginia	48,020	44,178	40,889	4,156	3,978	3,987
Wisconsin	134,043	130,267	128,798	13,932	12,394	10,436
Wyoming	49,595	56,046	33,174	3,859	2,969	4,052
Total	7,818,907	7,526,816	7,230,962	713,785	^a644,904	^a653,414

See footnotes at end of table.

Table 20. Natural Gas Deliveries to Industrial Consumers by State, 1991-1993
(Million Cubic Feet) — Continued

State	1993					
	September	August	July	June	May	April
Alabama	12,636	13,419	14,029	13,539	13,800	14,999
Alaska	7,052	4,919	6,934	5,517	5,906	6,220
Arizona	1,756	1,676	1,598	1,316	1,679	1,867
Arkansas	8,532	7,887	8,207	8,515	8,939	9,393
California	48,221	46,480	52,134	44,010	46,173	43,228
Colorado	6,901	6,431	6,778	7,245	7,322	7,372
Connecticut	2,686	2,627	2,504	2,619	2,737	3,176
Delaware	1,618	1,658	1,604	1,516	1,632	1,726
District of Columbia	0	0	0	0	0	0
Florida	8,150	8,166	8,164	8,044	8,210	7,917
Georgia	13,314	14,733	14,267	13,515	13,488	13,685
Hawaii	0	0	0	0	0	0
Idaho	2,067	2,101	2,154	2,307	2,272	2,383
Illinois	20,875	17,810	19,314	19,630	21,681	24,113
Indiana	19,241	18,983	18,558	19,517	19,866	21,485
Iowa	8,367	8,174	7,164	7,690	7,765	7,847
Kansas	9,940	10,933	12,117	10,374	10,749	10,619
Kentucky	5,412	5,190	4,909	5,146	5,351	6,128
Louisiana	69,577	69,247	70,055	63,367	60,391	64,569
Maine	143	141	112	69	80	142
Maryland	3,601	3,892	3,374	3,742	3,868	3,635
Massachusetts	7,992	8,094	5,428	6,288	5,846	5,305
Michigan	22,359	23,408	22,728	24,666	24,531	27,239
Minnesota	6,428	6,152	6,189	7,192	6,251	7,093
Mississippi	8,590	8,903	9,573	9,031	9,194	9,837
Missouri	4,159	3,992	3,727	4,098	4,188	4,947
Montana	1,045	921	954	780	755	931
Nebraska	2,551	2,214	2,624	2,276	2,294	3,653
Nevada	3,249	3,209	3,322	3,240	2,995	4,051
New Hampshire	279	290	311	297	375	366
New Jersey	14,422	14,051	14,046	14,198	14,283	16,500
New Mexico	^a 1,604	1,743	^a 1,419	1,335	^a 1,365	^a 1,524
New York	10,931	10,394	9,984	10,889	11,505	13,610
North Carolina	7,202	7,905	6,829	7,828	7,584	8,054
North Dakota	522	411	421	482	467	504
Ohio	20,848	21,157	14,929	22,180	22,139	26,126
Oklahoma	13,978	15,069	13,959	13,198	14,390	14,510
Oregon	5,115	5,054	4,889	4,725	5,009	5,329
Pennsylvania	17,099	17,884	17,968	19,245	18,966	20,885
Rhode Island	3,751	4,421	3,803	3,799	3,941	3,726
South Carolina	7,195	8,188	7,449	7,884	7,301	7,967
South Dakota	324	285	334	340	346	364
Tennessee	9,343	10,480	8,927	9,454	10,212	9,456
Texas	221,532	157,355	167,329	154,284	143,652	157,790
Utah	2,714	3,167	2,826	2,925	3,164	3,527
Vermont	149	139	137	136	159	173
Virginia	6,802	11,058	10,951	7,470	4,907	7,099
Washington	7,486	7,438	7,134	6,335	7,582	7,503
West Virginia	3,557	3,730	3,815	3,777	3,924	4,116
Wisconsin	9,027	8,083	7,378	8,031	8,792	12,166
Wyoming	4,707	3,650	4,475	4,123	4,737	4,461
Total	^a 675,049	613,313	^a 617,836	598,186	^a 592,763	^a 639,312

See footnotes at end of table.

Table 20. Natural Gas Deliveries to Industrial Consumers by State, 1991-1993
(Million Cubic Feet) — Continued

State	1993			1992		
	March	February	January	Total	December	November
Alabama	15,943	15,268	15,987	169,049	14,906	14,853
Alaska	6,258	6,298	7,757	80,938	7,887	7,337
Arizona	1,979	1,561	1,713	19,774	1,974	1,533
Arkansas	10,786	9,765	10,639	118,850	10,701	9,916
California	48,371	49,424	41,239	594,569	48,770	50,165
Colorado	7,220	7,683	8,075	57,579	6,583	5,439
Connecticut	3,903	4,043	3,590	36,383	3,490	3,102
Delaware	1,776	1,571	1,713	18,060	1,760	1,892
District of Columbia	0	0	0	0	0	0
Florida	8,362	7,983	8,022	84,829	7,792	7,151
Georgia	14,155	13,736	14,196	172,227	14,203	13,951
Hawaii	0	0	0	0	0	0
Idaho ^a	2,759	2,718	2,726	27,044	2,615	2,502
Illinois	31,811	33,445	32,289	300,366	31,294	26,739
Indiana	25,813	25,146	25,736	245,523	24,807	22,453
Iowa	9,406	9,036	9,143	100,752	9,493	9,725
Kansas	11,489	12,998	12,017	130,807	12,952	12,023
Kentucky	7,429	7,801	7,356	73,619	7,162	6,649
Louisiana	65,052	63,341	67,902	932,467	72,036	71,738
Maine	136	126	152	2,048	165	207
Maryland	4,634	4,283	4,217	49,720	4,346	4,674
Massachusetts	5,911	5,694	5,963	70,872	6,530	6,385
Michigan	31,681	30,798	29,595	305,416	27,672	28,339
Minnesota	8,841	8,690	9,380	93,025	8,994	8,883
Mississippi	9,854	8,840	10,271	102,612	8,476	8,480
Missouri	6,015	5,789	6,568	58,466	5,823	5,291
Montana	1,192	1,067	1,206	12,218	1,280	1,345
Nebraska	2,747	2,663	3,737	26,451	3,015	2,529
Nevada	2,181	1,679	2,672	9,259	754	777
New Hampshire	325	304	318	3,828	292	305
New Jersey	16,846	16,874	17,230	174,569	16,237	17,046
New Mexico	1,416	^a 1,437	^a 1,464	17,070	1,533	1,389
New York	15,669	14,948	15,192	147,520	14,944	12,875
North Carolina	8,604	7,620	8,195	90,984	7,854	7,862
North Dakota	582	586	635	5,940	570	525
Ohio	30,726	29,475	29,299	294,805	29,294	26,573
Oklahoma	15,270	14,773	16,320	175,168	15,365	14,394
Oregon	5,457	4,878	5,565	58,519	4,908	5,103
Pennsylvania	24,765	23,606	23,571	236,708	21,697	21,164
Rhode Island	3,771	3,695	3,786	47,917	3,803	3,734
South Carolina	8,723	7,408	7,909	94,327	7,032	8,337
South Dakota	459	462	515	4,488	526	412
Tennessee	10,368	10,444	12,014	126,230	11,079	10,956
Texas	166,799	149,368	166,428	1,734,001	155,355	137,499
Utah	4,062	4,733	5,590	40,878	4,741	4,615
Vermont	191	187	215	1,958	196	169
Virginia	7,839	9,108	8,523	68,808	5,590	5,951
Washington	8,979	8,143	8,313	79,766	7,179	6,962
Wes. Virginia	4,588	4,083	4,310	44,178	4,630	3,973
Wisconsin	14,082	14,459	15,263	130,267	14,008	12,610
Wyoming	3,404	4,306	4,852	56,046	4,677	4,419
Total	698,633	^a672,345	^a699,366	7,526,898	676,992	640,954

See footnotes at end of table.

Table 20. Natural Gas Deliveries to Industrial Consumers by State, 1991-1993
(Million Cubic Feet) — Continued

State	1992					
	October	September	August	July	June	May
Alabama	13,968	13,496	13,309	13,659	13,739	13,894
Alaska	7,810	4,841	5,355	6,968	6,317	6,902
Arizona	1,657	1,562	1,581	1,627	1,613	1,543
Arkansas	9,760	9,778	9,314	9,129	9,098	9,868
California	40,509	52,231	49,895	43,635	47,916	60,503
Colorado	5,093	4,660	4,044	4,197	4,173	3,949
Connecticut	2,867	2,732	2,643	2,522	2,621	2,775
Delaware	1,790	1,433	1,354	1,238	1,343	1,501
District of Columbia	0	0	0	0	0	0
Florida	6,330	6,536	6,619	6,606	6,991	7,389
Georgia	14,085	13,982	13,862	14,270	13,854	14,505
Hawaii	0	0	0	0	0	0
Idaho *	2,351	1,895	1,657	1,975	2,241	2,286
Illinois	24,506	20,992	18,500	19,944	18,988	22,957
Indiana	20,770	18,229	16,896	17,145	17,745	18,817
Iowa	8,384	7,775	7,636	8,064	7,792	7,771
Kansas	13,293	9,933	9,956	10,029	9,699	9,303
Kentucky	6,574	5,308	5,401	4,797	5,273	5,449
Louisiana	72,644	64,894	73,865	80,422	74,285	78,686
Maine	152	164	162	161	157	172
Maryland	3,916	3,517	3,615	3,825	3,603	3,785
Massachusetts	5,899	6,004	5,995	4,698	6,041	6,524
Michigan	23,810	20,895	21,660	20,153	22,387	24,900
Minnesota	6,997	6,241	6,348	6,436	6,144	6,951
Mississippi	8,514	8,372	7,936	8,302	8,251	8,453
Missouri	4,626	3,958	4,132	3,908	4,084	4,268
Montana	1,138	1,071	904	883	782	841
Nebraska	2,226	2,111	1,966	1,917	2,197	1,710
Nevada	903	658	732	718	783	821
New Hampshire	270	336	333	302	300	312
New Jersey	15,572	14,276	14,687	14,037	14,027	13,014
New Mexico	1,493	1,238	1,260	1,038	1,004	1,323
New York	11,595	11,241	10,137	10,465	10,805	11,273
North Carolina	7,852	7,226	7,160	6,663	7,088	7,410
North Dakota	484	408	390	438	420	469
Ohio	23,979	21,158	19,914	19,985	21,123	22,201
Oklahoma	13,263	13,890	14,236	14,509	13,932	14,326
Oregon	5,544	5,437	5,229	4,923	4,296	3,796
Pennsylvania	18,784	17,389	16,876	17,173	16,470	18,523
Rhode Island	4,140	3,730	3,668	4,209	4,241	4,017
South Carolina	7,589	7,766	7,702	7,890	8,110	8,183
South Dakota	330	278	246	356	323	346
Tennessee	10,577	9,712	9,933	10,197	9,366	9,693
Texas	142,094	147,054	143,664	146,392	138,927	147,828
Utah	3,175	2,522	2,512	2,538	2,771	2,632
Vermont	167	145	130	119	128	149
Virginia	4,648	5,732	6,018	7,366	4,866	5,300
Washington	6,744	5,964	6,214	5,717	5,900	6,222
West Virginia	3,751	3,435	3,426	3,209	3,403	3,431
Wisconsin	10,269	8,636	8,127	7,610	7,867	8,836
Wyoming	4,894	4,864	4,551	4,841	4,976	4,667
Total	607,784	585,706	581,772	587,203	578,480	620,479

* Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components. Deliveries for total year 1992 do not equal the sum of the twelve months.

* = Revised Data.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers by State,
1991-1993**
(Million Cubic Feet)

State	YTD 1993	YTD 1992	YTD 1991	1993		
				December	November	October
Alabama	4,636	3,368	4,081	291	250	237
Alaska	27,376	28,953	31,330	2,738	2,544	2,407
Arizona	20,325	30,939	23,282	1,216	1,376	1,540
Arkansas	21,053	27,015	27,903	336	2,758	3,088
California	486,915	584,432	449,014	48,489	49,810	46,514
Colorado	4,913	5,019	5,715	371	438	448
Connecticut	557	2,100	4,702	23	15	16
Delaware	8,665	8,384	14,354	1,367	1,131	1,290
District of Columbia	0	0	0	0	0	0
Florida	172,433	202,576	201,319	9,977	10,549	12,328
Georgia	3,026	1,162	838	30	32	50
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	16,110	9,293	12,865	2,021	1,925	2,274
Indiana	5,667	7,772	10,043	508	566	424
Iowa	4,263	2,265	3,671	150	140	200
Kansas	21,628	13,981	36,122	923	1,166	1,406
Kentucky	269	269	227	19	24	18
Louisiana	243,515	254,922	254,245	13,397	18,169	23,055
Maine	0	0	0	0	0	0
Maryland	8,817	11,575	16,059	541	701	365
Massachusetts	28,793	38,341	39,133	402	1,674	2,450
Michigan	18,898	24,908	23,736	1,290	1,308	1,506
Minnesota	3,910	4,906	5,670	329	437	281
Mississippi	40,144	54,180	62,409	1,742	3,893	4,022
Missouri	4,885	2,351	12,709	70	149	392
Montana	270	220	268	41	57	19
Nebraska	1,876	1,903	3,689	98	60	120
Nevada	21,349	24,355	21,738	1,304	1,381	1,935
New Hampshire	136	633	0	0	0	0
New Jersey	35,406	38,772	61,674	993	1,417	1,059
New Mexico	27,725	22,486	28,100	1,730	2,012	1,954
New York	171,803	208,731	211,640	5,333	10,308	14,786
North Carolina	2,911	3,159	3,020	167	105	90
North Dakota	1	1	1	0	0	0
Ohio	2,737	2,956	3,237	66	53	86
Oklahoma	153,666	148,980	167,214	10,061	11,017	12,320
Oregon	16,167	14,264	10,856	2,860	2,178	2,065
Pennsylvania	8,304	3,100	2,037	233	457	700
Rhode Island	387	469	1,638	85	51	0
South Carolina	1,851	1,795	9,823	17	10	6
South Dakota	129	48	177	3	18	9
Tennessee	1,531	291	211	8	0	0
Texas	1,072,629	968,165	1,005,051	62,194	77,896	91,536
Utah	6,305	6,576	5,190	568	549	539
Vermont	268	801	1,091	1	1	21
Virginia	19,715	10,936	9,471	2,005	1,280	1,383
Washington	4,899	5,385	139	309	9	4
West Virginia	133	201	140	8	18	4
Wisconsin	3,070	2,584	2,706	180	185	240
Wyoming	87	83	76	4	5	5
Total	2,680,151	2,765,608	2,789,014	174,497	208,122	233,192

See footnotes at end of table.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers by State,
1991-1993**
(Million Cubic Feet) — Continued

State	1993					
	September	August	July	June	May	April
Alabama	213	603	1,444	418	266	144
Alaska	2,017	1,794	1,790	2,027	2,105	2,155
Arizona	1,816	4,184	2,590	1,397	1,765	1,402
Arkansas	3,349	4,587	3,848	1,846	267	311
California	43,805	44,724	31,247	31,453	17,816	32,390
Colorado	378	338	470	398	278	354
Connecticut	22	152	194	13	8	10
Delaware	531	1,095	1,231	953	272	322
District of Columbia	0	0	0	0	0	0
Florida	17,684	20,015	19,776	18,980	16,262	12,549
Georgia	103	670	1,554	398	74	33
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	1,272	3,369	1,951	1,089	377	445
Indiana	250	788	611	245	273	437
Iowa	191	1,589	835	176	233	238
Kansas	1,708	5,391	5,219	2,037	846	649
Kentucky	54	26	24	22	19	27
Louisiana	27,395	39,699	36,385	26,473	13,920	10,869
Maine	0	0	0	0	0	0
Maryland	1,194	1,563	2,097	647	385	187
Massachusetts	2,854	4,857	4,400	2,606	2,513	3,815
Michigan	930	2,691	2,153	1,885	1,345	925
Minnesota	524	804	287	282	297	185
Mississippi	3,238	6,671	7,334	3,987	2,968	1,335
Missouri	176	2,204	1,305	224	54	63
Montana	2	52	34	13	13	4
Nebraska	82	399	454	114	137	148
Nevada	1,977	2,657	2,613	1,852	2,157	1,695
New Hampshire	0	0	3	36	91	6
New Jersey	3,479	7,797	11,574	4,252	1,278	329
New Mexico	2,239	3,097	3,149	2,710	2,067	2,811
New York	15,431	21,138	25,652	19,450	12,276	14,335
North Carolina	229	564	720	323	100	99
North Dakota	0	0	0	0	0	0
Ohio	76	469	399	149	135	102
Oklahoma	13,054	22,607	20,634	13,982	10,542	10,485
Oregon	1,638	2,234	0	15	0	0
Pennsylvania	369	932	1,206	814	211	337
Rhode Island	30	87	52	82	0	0
South Carolina	132	417	806	311	24	21
South Dakota	4	78	1	1	2	0
Tennessee	15	386	904	132	15	14
Texas	107,761	142,579	135,348	111,153	74,821	71,510
Utah	414	390	368	422	507	592
Vermont	0	0	129	79	18	15
Virginia	1,956	2,404	2,350	1,229	174	1,317
Washington	6	5	4	0	0	683
West Virginia	6	27	7	13	4	11
Wisconsin	207	559	245	297	222	343
Wyoming	1	5	6	13	7	7
Total	258,812	356,695	333,405	254,601	167,146	173,709

See footnotes at end of table.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers by State,
1991-1993**
(Million Cubic Feet) — Continued

State	1993			1992		
	March	February	January	Total	December	November
Alabama	215	306	249	3,368	171	382
Alaska	2,482	2,535	2,781	28,953	2,721	2,756
Arizona	1,921	588	530	30,939	328	597
Arkansas	280	263	322	27,015	246	209
California	38,720	40,118	41,829	564,432	47,146	50,027
Colorado	514	394	531	5,019	526	396
Connecticut	20	62	25	2,100	28	18
Delaware	253	55	164	8,384	580	586
District of Columbia	0	0	0	0	0	0
Florida	12,232	11,459	10,621	202,576	10,390	12,389
Georgia	22	49	12	1,162	13	12
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	482	396	509	9,293	370	279
Indiana	457	450	658	7,772	824	525
Iowa	189	106	236	2,265	193	207
Kansas	920	670	694	13,981	809	534
Kentucky	11	12	12	269	20	23
Louisiana	14,087	9,246	10,820	254,922	11,705	13,510
Maine	0	0	0	0	0	0
Maryland	560	349	229	11,575	430	469
Massachusetts	2,955	128	138	38,341	227	3,903
Michigan	1,380	1,904	1,781	24,908	1,727	1,994
Minnesota	164	144	176	4,906	231	336
Mississippi	2,114	1,249	1,591	54,180	1,625	1,843
Missouri	113	75	59	2,351	67	85
Montana	15	16	4	220	8	47
Nebraska	111	48	104	1,903	136	191
Nevada	2,305	926	547	24,355	436	808
New Hampshire	0	0	0	633	0	0
New Jersey	1,508	1,383	338	38,772	681	1,209
New Mexico	2,793	1,699	1,463	22,486	1,408	1,440
New York	12,983	9,569	10,543	208,731	10,640	11,688
North Carolina	141	205	167	3,159	169	165
North Dakota	0	0	0	1	0	0
Ohio	417	432	352	2,956	53	90
Oklahoma	10,268	9,249	9,447	148,980	10,120	8,514
Oregon	1,990	2,074	1,113	14,264	977	1,373
Pennsylvania	1,133	1,156	757	3,100	262	148
Rhode Island	0	0	0	469	0	0
South Carolina	69	20	17	1,795	5	82
South Dakota	10	2	0	48	9	27
Tennessee	15	21	20	291	25	10
Texas	75,318	59,828	62,686	968,165	68,751	72,018
Utah	697	557	700	6,576	542	138
Vermont	1	1	1	801	1	28
Virginia	1,776	1,978	1,862	10,936	839	11
Washington	1,836	1,896	147	5,385	9	4
West Virginia	6	19	10	201	8	9
Wisconsin	318	130	143	2,584	146	207
Wyoming	15	8	10	83	7	8
Total	193,795	181,778	184,400	2,765,608	175,008	189,296

See footnotes at end of table.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers by State,
1991-1993**

(Million Cubic Feet) — Continued

State	1992					
	October	September	August	July	June	May
Alabama	234	305	296	322	307	350
Alaska	2,514	2,311	2,374	2,342	2,204	2,116
Arizona	2,631	4,607	5,277	3,999	2,778	3,300
Arkansas	733	2,324	2,828	4,145	3,788	3,881
California	53,026	53,989	66,474	51,011	36,692	41,687
Colorado	493	469	479	570	355	357
Connecticut	19	14	291	407	316	131
Delaware	581	851	1,140	971	1,034	598
District of Columbia	0	0	0	0	0	0
Florida	12,525	21,038	20,829	21,946	21,623	19,942
Georgia	65	66	120	654	75	24
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	301	554	589	854	998	955
Indiana	158	301	370	488	760	1,056
Iowa	200	135	277	262	208	155
Kansas	548	1,395	2,036	2,833	1,388	1,385
Kentucky	19	23	28	23	28	16
Louisiana	18,382	23,855	26,733	33,952	30,520	26,127
Maine	0	0	0	0	0	0
Maryland	665	1,228	1,457	3,004	1,367	974
Massachusetts	3,683	4,664	4,803	7,643	5,418	3,630
Michigan	1,675	1,738	2,421	1,449	1,473	2,126
Minnesota	210	440	473	509	491	352
Mississippi	1,616	5,419	5,359	7,189	5,227	6,629
Missouri	67	86	200	1,025	131	176
Montana	32	10	20	29	20	26
Nebraska	210	280	85	153	139	111
Nevada	1,968	2,761	3,629	3,491	3,091	2,681
New Hampshire	16	499	118	0	0	0
New Jersey	1,562	3,860	6,351	12,179	3,330	1,794
New Mexico	1,803	2,183	2,594	2,532	1,911	2,444
New York	13,307	21,841	22,006	25,124	23,875	20,936
North Carolina	127	336	361	614	341	180
North Dakota	0	0	0	0	0	0
Ohio	217	243	288	264	173	339
Oklahoma	9,300	15,806	15,714	17,018	14,312	13,004
Oregon	1,789	2,045	1,854	1,437	661	0
Pennsylvania	262	274	320	824	345	129
Rhode Island	0	11	78	80	90	78
South Carolina	22	42	82	525	202	10
South Dakota	2	1	5	0	1	1
Tennessee	18	15	7	40	35	33
Texas	80,276	95,796	99,748	120,114	97,150	76,427
Utah	665	542	550	517	509	627
Vermont	122	2	34	186	160	122
Virginia	25	714	945	2,408	1,014	909
Washington	426	523	2,698	185	1,028	195
West Virginia	6	18	24	26	47	28
Wisconsin	134	249	178	219	259	269
Wyoming	8	6	5	5	8	4
Total	212,640	273,670	302,544	333,567	265,882	236,316

* Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-759.

Table 22. Natural Gas Deliveries to All Consumers by State, 1991-1993
(Million Cubic Feet)

State	YTD 1993	YTD 1992	YTD 1991	1993		
				December	November	October
Alabama	256,037	247,295	228,765	25,278	20,890	17,833
Alaska	137,005	145,541	141,426	13,525	12,421	10,367
Arizona	97,235	106,234	101,436	11,289	7,342	5,886
Arkansas	208,960	210,653	199,379	20,486	19,783	15,802
California	1,812,670	1,923,573	1,847,939	200,067	159,961	149,566
Colorado	269,865	223,656	228,268	31,912	22,891	14,552
Connecticut	109,642	110,715	101,380	11,810	^a 9,956	7,294
Delaware	41,484	39,604	41,944	4,505	3,691	3,340
District of Columbia	32,491	32,690	30,836	4,003	2,134	1,416
Florida	327,892	343,521	336,889	25,162	23,903	24,721
Georgia	345,983	335,464	315,634	43,144	31,750	24,350
Hawaii	2,681	2,695	2,694	219	229	215
Idaho	52,362	45,554	46,467	6,183	4,654	3,485
Illinois	1,019,103	981,991	976,370	135,555	103,178	72,551
Indiana	511,313	478,765	452,641	61,339	48,951	36,419
Iowa	241,724	223,992	226,532	28,632	24,412	16,711
Kansas	298,842	270,284	293,035	31,910	22,999	17,050
Kentucky	181,664	171,218	165,028	25,200	18,862	13,099
Louisiana	1,127,499	1,271,064	1,258,951	95,443	91,771	97,381
Maine	4,846	5,129	4,789	604	^a 498	414
Maryland	176,927	178,881	170,561	21,072	16,121	10,786
Massachusetts	296,727	293,238	250,027	30,359	^a 26,093	20,621
Michigan	881,174	862,217	798,486	104,219	79,110	58,646
Minnesota	303,809	293,873	301,144	39,271	29,678	21,080
Mississippi	204,764	201,221	210,531	20,189	17,884	16,010
Missouri	270,435	238,435	253,765	33,738	23,610	12,898
Montana	47,048	40,671	41,399	6,226	5,013	3,315
Nebraska	121,887	104,258	113,409	13,159	10,783	6,815
Nevada	95,746	67,912	64,457	10,059	7,485	6,845
New Hampshire	16,770	16,771	14,094	1,896	^a 1,514	986
New Jersey	554,241	542,695	460,521	59,372	47,299	32,349
New Mexico	106,314	98,881	102,206	13,286	^a 11,191	^a 7,397
New York	934,847	952,161	869,075	98,222	76,251	60,351
North Carolina	180,169	173,156	160,171	19,517	15,443	11,382
North Dakota	27,535	25,397	26,193	3,469	2,588	1,607
Ohio	818,503	799,093	755,050	106,661	77,093	54,317
Oklahoma	452,180	425,195	456,697	42,165	37,417	31,411
Oregon	131,830	115,469	114,557	16,515	11,723	^a 9,460
Pennsylvania	652,450	640,593	601,686	76,720	56,906	42,809
Rhode Island	75,174	77,476	54,140	7,139	6,133	5,374
South Carolina	137,601	135,157	131,020	13,243	12,256	10,100
South Dakota	28,149	24,454	25,526	3,788	2,755	1,753
Tennessee	230,733	225,275	211,307	25,953	19,074	14,621
Texas	3,455,495	3,101,526	3,180,915	288,651	255,356	268,332
Utah	123,828	108,755	118,159	16,603	11,594	7,010
Vermont	7,225	7,598	7,069	796	616	472
Virginia	230,382	192,932	167,709	25,686	17,422	13,564
Washington	196,499	166,092	167,835	23,080	16,378	^a 12,597
West Virginia	108,183	104,089	94,659	12,560	9,797	7,421
Wisconsin	346,013	327,599	327,101	43,600	34,718	23,342
Wyoming	71,976	75,044	54,343	6,901	4,974	5,322
Total	18,363,913	17,785,751	17,304,216	1,960,380	^a1,574,550	^a1,311,443

See footnotes at end of table.

Table 22. Natural Gas Deliveries to All Consumers by State, 1991-1993
(Million Cubic Feet) — Continued

State	1993					
	September	August	July	June	May	April
Alabama	15,312	16,445	18,003	16,792	18,470	23,361
Alaska	10,694	8,073	10,065	9,176	10,344	11,527
Arizona	5,956	8,272	6,686	5,857	6,603	7,866
Arkansas	14,107	14,534	14,172	12,546	12,998	17,589
California	134,258	129,541	126,878	117,559	112,908	131,584
Colorado	13,382	11,547	12,575	14,790	18,440	24,183
Connecticut	4,847	4,649	4,698	4,901	6,095	10,048
Delaware	2,487	3,073	3,182	2,850	2,632	3,633
District of Columbia	1,101	1,111	1,090	1,265	1,955	3,158
Florida	29,382	31,627	31,533	30,864	28,777	25,794
Georgia	18,773	20,839	21,434	19,583	21,088	27,838
Hawaii	211	211	220	231	213	225
Idaho	2,759	2,714	2,840	3,029	3,530	4,256
Illinois	44,706	36,555	37,522	38,542	48,068	84,599
Indiana	25,857	24,644	24,110	26,165	29,387	42,797
Iowa	12,338	12,498	10,780	11,735	13,485	20,005
Kansas	15,925	21,427	22,714	17,117	19,246	25,517
Kentucky	8,100	7,365	7,260	8,333	8,617	14,102
Louisiana	100,159	112,063	109,821	93,514	79,003	83,399
Maine	248	230	205	179	226	405
Maryland	8,597	8,909	8,909	8,676	9,765	14,160
Massachusetts	16,845	18,554	15,948	16,486	19,701	28,688
Michigan	38,968	37,352	38,414	43,655	52,883	80,931
Minnesota	13,409	11,528	11,217	13,572	15,490	25,245
Mississippi	13,570	17,285	18,709	14,925	14,729	15,877
Missouri	9,679	10,669	9,995	10,290	15,888	24,833
Montana	2,318	1,918	2,030	1,869	2,451	3,752
Nebraska	5,097	5,347	5,435	5,167	6,122	11,692
Nevada	6,788	7,418	7,455	7,057	7,583	8,566
New Hampshire	620	585	639	749	1,111	1,705
New Jersey	28,472	30,366	36,709	29,678	31,501	50,161
New Mexico	^a 6,494	7,076	^a 6,950	^a 5,695	^a 5,903	^a 8,253
New York	46,090	51,140	56,145	55,263	55,661	87,239
North Carolina	9,767	10,646	9,694	10,613	11,456	16,490
North Dakota	1,173	915	1,006	1,179	1,512	2,511
Ohio	33,331	31,971	26,466	39,320	42,332	73,165
Oklahoma	30,127	40,734	37,774	30,976	30,924	36,806
Oregon	8,384	8,799	6,571	6,694	8,225	9,787
Pennsylvania	28,758	28,381	28,273	33,049	35,893	57,915
Rhode Island	4,511	5,344	4,685	4,882	5,487	6,833
South Carolina	8,545	9,812	9,483	9,552	9,259	12,000
South Dakota	1,084	892	933	1,054	1,485	2,513
Tennessee	12,487	13,712	12,845	12,962	15,132	19,743
Texas	347,969	322,354	326,750	289,348	243,669	263,722
Utah	5,019	5,324	5,199	5,752	7,800	10,099
Vermont	282	251	379	380	438	658
Virginia	12,276	16,904	16,708	12,478	10,309	19,033
Washington	10,742	10,477	10,410	10,932	13,570	16,769
West Virginia	5,385	5,384	5,257	5,833	6,795	9,844
Wisconsin	15,612	13,108	12,127	14,647	17,976	32,018
Wyoming	5,438	4,309	5,184	5,012	6,152	6,462
Total	^a 1,198,441	1,204,883	^a 1,204,090	^a 1,142,771	^a 1,149,287	^a 1,519,356

See footnotes at end of table.

Table 22. Natural Gas Deliveries to All Consumers by State, 1991-1993

(Million Cubic Feet) — Continued

State	1993			1992		
	March	February	January	Total	December	November
Alabama	28,481	27,321	27,851	247,295	25,675	20,620
Alaska	12,263	13,443	15,106	145,541	14,680	13,463
Arizona	11,052	9,239	11,189	106,234	10,994	5,564
Arkansas	21,788	21,311	23,843	210,653	20,728	15,335
California	161,093	189,324	199,930	1,923,573	199,920	158,481
Colorado	32,278	34,279	39,036	223,656	33,143	19,036
Connecticut	14,381	16,223	14,740	110,715	13,243	9,619
Delaware	4,363	3,818	3,910	39,604	4,005	3,502
District of Columbia	4,982	5,209	5,068	32,690	4,135	2,416
Florida	26,562	25,346	24,221	343,521	23,862	23,814
Georgia	37,618	39,772	39,794	335,464	40,414	31,537
Hawaii	230	242	236	2,695	234	221
Idaho	5,760	6,353	6,799	45,635	6,119	4,415
Illinois	127,983	138,006	151,839	981,991	140,871	104,726
Indiana	61,168	63,379	67,096	478,765	61,989	47,066
Iowa	27,943	29,976	33,211	223,992	30,340	24,125
Kansas	32,681	34,734	37,520	270,284	34,037	23,526
Kentucky	21,883	24,630	24,212	171,218	23,317	17,733
Louisiana	90,160	84,210	90,574	1,271,064	95,726	91,729
Maine	542	643	652	5,129	561	464
Maryland	23,593	23,913	22,426	178,881	20,908	15,894
Massachusetts	36,093	34,489	32,850	293,238	27,879	25,875
Michigan	112,353	116,586	118,057	862,217	103,987	80,909
Minnesota	36,627	40,247	46,446	293,873	40,563	31,602
Mississippi	19,025	17,426	19,136	201,221	16,686	13,740
Missouri	37,569	37,994	43,272	238,435	35,337	21,055
Montana	5,549	5,287	7,319	40,671	6,448	4,455
Nebraska	14,646	15,195	22,429	104,258	15,177	11,269
Nevada	9,222	7,878	9,390	67,912	6,663	3,833
New Hampshire	2,245	2,359	2,361	16,771	1,756	1,346
New Jersey	69,180	72,918	66,236	542,695	60,941	47,235
New Mexico	*10,512	*11,313	*12,243	98,881	12,300	7,091
New York	118,222	116,377	113,887	952,161	101,107	72,124
North Carolina	21,815	21,197	22,149	173,156	19,783	14,484
North Dakota	3,383	3,586	4,606	25,397	3,592	2,529
Ohio	108,821	114,755	110,270	799,093	102,668	75,938
Oklahoma	43,651	42,702	47,495	425,195	42,892	30,238
Oregon	14,168	14,890	16,613	115,469	13,388	10,121
Pennsylvania	87,765	90,643	85,337	640,593	76,952	58,902
Rhode Island	8,388	8,381	8,017	77,476	7,158	6,108
South Carolina	15,180	13,789	14,382	135,157	12,911	11,513
South Dakota	3,492	3,746	4,656	24,454	3,807	2,810
Tennessee	27,608	27,107	29,487	225,275	27,075	19,403
Texas	288,382	265,219	295,743	3,101,526	281,632	246,108
Utah	14,043	16,641	18,744	108,755	16,360	9,926
Vermont	976	1,003	975	7,598	775	613
Virginia	27,271	30,286	28,446	192,932	22,720	16,229
Washington	22,830	23,248	25,468	166,092	20,827	14,620
West Virginia	13,771	13,521	12,615	104,089	12,180	9,194
Wisconsin	43,020	44,657	51,188	327,599	44,320	33,967
Wyoming	6,266	7,409	8,547	75,044	7,758	6,257
Total	*1,968,876	*2,012,218	*2,117,617	17,785,833	1,950,542	1,522,779

See footnotes at end of table.

Table 22. Natural Gas Deliveries to All Consumers by State, 1991-1993

(Million Cubic Feet) — Continued

State	1992					
	October	September	August	July	June	May
Alabama	17,250	16,309	15,994	16,511	17,043	18,471
Alaska	13,323	9,049	9,181	10,869	10,355	11,627
Arizona	6,868	8,640	9,178	8,263	7,277	7,670
Arkansas	13,222	14,227	14,288	15,530	15,364	16,961
California	137,081	147,435	160,041	138,193	130,858	157,730
Colorado	12,212	10,084	9,145	10,006	11,545	12,943
Connecticut	6,718	4,975	4,991	5,100	5,480	7,102
Delaware	2,919	2,629	2,825	2,571	2,877	2,935
District of Columbia	1,395	1,100	1,093	1,187	1,394	2,005
Florida	22,494	31,059	30,956	32,201	32,431	31,649
Georgia	22,635	19,721	19,466	20,629	20,062	22,350
Hawaii	210	221	215	218	230	224
Idaho	3,244	2,538	2,171	2,553	2,830	3,178
Illinois	65,944	41,922	36,285	37,000	37,856	55,272
Indiana	33,542	24,622	22,532	22,927	25,135	30,857
Iowa	14,953	11,228	10,838	10,972	11,613	13,137
Kansas	19,422	16,258	17,192	18,403	16,510	18,212
Kentucky	12,206	7,952	8,003	7,213	8,268	9,691
Louisiana	94,825	92,270	103,989	117,997	108,657	109,381
Maine	309	249	236	264	274	395
Maryland	11,110	8,387	8,727	10,535	9,331	11,158
Massachusetts	18,700	16,790	16,884	18,866	19,048	23,079
Michigan	56,101	37,499	37,701	35,356	41,669	58,977
Minnesota	18,748	12,333	11,642	11,892	12,233	16,041
Mississippi	12,051	15,494	14,978	17,272	15,329	17,363
Missouri	11,679	9,009	9,007	9,713	10,600	13,446
Montana	3,085	2,330	1,675	1,761	1,720	2,273
Nebraska	6,974	5,197	5,428	5,483	4,977	5,622
Nevada	4,579	4,899	5,714	5,896	5,514	5,317
New Hampshire	868	1,161	759	640	727	1,149
New Jersey	34,665	28,937	30,937	36,695	28,817	34,881
New Mexico	6,002	5,851	6,218	5,700	5,208	6,969
New York	56,395	52,470	51,248	55,424	58,065	69,561
North Carolina	11,898	10,047	9,863	9,704	10,463	12,017
North Dakota	1,518	1,057	866	977	1,029	1,615
Ohio	54,217	33,930	31,699	32,638	36,649	47,271
Oklahoma	26,249	32,711	32,953	34,883	32,332	32,334
Oregon	9,455	8,993	8,391	7,755	6,614	6,215
Pennsylvania	43,339	29,191	27,230	28,178	29,383	39,434
Rhode Island	5,639	4,698	4,667	5,376	5,600	6,217
South Carolina	9,408	9,092	9,051	9,659	9,853	10,294
South Dakota	1,490	918	789	912	947	1,444
Tennessee	14,849	12,760	12,672	13,194	12,854	14,348
Texas	242,627	261,956	263,931	288,393	255,732	247,119
Utah	6,188	4,790	4,689	4,871	5,260	5,887
Vermont	561	277	288	436	435	534
Virginia	11,255	9,816	10,424	13,355	9,960	12,766
Washington	11,646	9,531	11,383	8,387	10,143	11,137
West Virginia	7,138	5,182	4,967	4,730	5,554	6,876
Wisconsin	22,141	14,068	12,581	12,191	13,793	19,112
Wyoming	5,892	5,517	5,103	5,432	5,723	5,723
Total	1,227,238	1,117,381	1,131,083	1,174,910	1,131,621	1,277,970

* = Revised Data.

Notes: Geographic coverage is the 50 States and the District of Columbia. Deliveries for total year 1991 may not equal the sum of the twelve months. Gas volumes delivered for use as vehicle fuel are included in the annual total for commercial deliveries but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857 and Form EIA-759.

Table 23. Average City Gate Price by State, 1991-1993
(Dollars per Thousand Cubic Feet)

State	YTD 1993	YTD 1992	YTD 1991	1993				
				December	November	October	September	August
Alabama	3.51	3.21	3.11	3.38	3.56	3.78	4.11	3.96
Alaska	0.33	0.34	0.32	0.33	0.33	0.32	0.33	^a 0.33
Arizona	2.62	2.33	2.45	2.69	2.57	2.57	3.10	3.07
Arkansas	2.51	2.60	2.45	2.01	2.82	2.78	2.72	2.71
California	2.86	2.72	2.80	2.87	3.06	2.85	3.09	2.78
Colorado	2.95	2.86	2.85	3.17	2.89	3.54	3.13	3.46
Connecticut	3.87	3.73	3.50	4.11	^a 3.20	3.60	^a 3.94	^a 4.04
Delaware	3.24	2.83	2.54	3.45	2.94	3.19	3.56	2.98
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.76	2.61	2.51	2.90	2.60	2.64	2.80	2.76
Georgia	3.77	3.28	3.38	3.93	3.73	3.67	4.58	4.17
Hawaii	5.61	7.72	8.74	4.91	5.13	5.23	5.17	5.18
Idaho	2.26	2.18	2.14	2.68	2.33	2.39	2.46	2.54
Illinois	3.30	3.20	2.91	3.08	3.25	3.00	3.37	3.25
Indiana	3.18	3.08	3.05	3.22	3.14	3.10	3.47	3.55
Iowa	3.24	3.20	2.73	3.55	2.90	3.17	3.80	3.44
Kansas	2.80	2.50	2.62	2.92	2.70	2.71	2.79	2.44
Kentucky	3.22	3.02	2.83	3.28	3.28	3.10	3.25	3.05
Louisiana	2.72	2.48	2.57	2.87	2.80	2.62	2.74	^a 2.89
Maine	3.69	3.17	3.00	3.14	^a 3.28	3.96	4.31	4.20
Maryland	3.53	3.20	3.05	3.28	3.33	3.69	5.01	5.27
Massachusetts	3.98	3.52	3.37	3.75	^a 3.69	^a 3.79	4.37	4.72
Michigan	2.89	3.04	3.08	2.92	2.87	2.76	2.96	2.79
Minnesota	3.11	2.92	2.63	3.43	2.96	2.84	3.41	3.39
Mississippi	2.89	2.62	2.55	3.37	3.07	2.96	3.42	3.00
Missouri	3.20	2.86	2.92	3.13	2.89	3.37	3.88	3.79
Montana	3.29	3.45	3.69	3.67	2.90	3.21	4.01	4.53
Nebraska	3.46	2.91	2.75	3.96	3.96	4.28	6.24	3.51
Nevada	3.03	2.37	2.33	2.76	3.01	3.72	4.49	4.75
New Hampshire	3.76	3.58	3.40	3.76	^a 3.74	3.66	4.37	4.40
New Jersey	3.54	3.29	3.14	3.54	3.49	3.40	3.84	4.30
New Mexico	2.39	2.25	2.49	2.17	2.48	2.36	2.23	2.10
New York	3.31	3.01	2.92	3.39	3.11	3.44	3.66	3.25
North Carolina	3.15	2.88	2.69	3.29	2.67	2.88	3.52	3.53
North Dakota	3.29	3.28	3.49	3.40	2.88	3.20	3.66	4.45
Ohio	3.52	3.26	3.05	3.25	3.48	3.04	3.76	3.85
Oklahoma	2.44	2.22	2.04	2.78	2.65	2.43	2.40	2.00
Oregon	2.48	2.34	2.39	2.94	2.54	2.65	2.52	2.61
Pennsylvania	3.42	3.29	3.27	3.40	3.03	3.46	^a 4.33	4.43
Rhode Island	4.41	3.82	3.68	3.93	4.75	4.78	7.37	6.64
South Carolina	3.54	3.23	2.95	3.49	3.35	3.49	4.02	4.18
South Dakota	3.35	3.10	3.11	3.58	2.93	3.19	3.61	4.69
Tennessee	3.19	2.89	2.73	3.44	3.00	3.39	3.70	3.38
Texas	3.31	3.06	2.88	3.62	3.49	3.21	3.39	3.16
Utah	2.63	4.09	3.89	2.85	1.85	1.53	2.20	2.30
Vermont	2.95	2.93	2.87	2.59	2.74	2.98	3.80	4.38
Virginia	3.32	2.91	2.76	3.51	3.38	3.16	3.41	3.41
Washington	2.38	1.90	1.91	2.56	2.84	^a 2.76	2.89	2.35
West Virginia	3.39	3.24	3.58	3.47	4.38	^a 3.72	5.68	6.82
Wisconsin	3.71	3.36	3.17	3.41	3.37	3.99	5.25	6.22
Wyoming	2.80	2.90	3.04	3.04	2.46	2.51	2.49	2.86
Total	3.21	3.01	2.90	3.26	^a3.15	3.15	^a3.53	3.35

See footnotes at end of table.

Table 23. Average City Gate Price by State, 1991-1993
(Dollars per Thousand Cubic Feet) — Continued

State	1993							1992
	July	June	May	April	March	February	January	Total
Alabama	3.83	3.98	3.88	3.38	3.16	3.37	3.33	3.21
Alaska	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34
Arizona	3.03	2.92	3.23	2.00	2.50	2.28	2.63	2.33
Arkansas	2.49	2.44	2.65	2.60	2.63	2.45	2.62	2.60
California	2.81	2.84	2.97	2.86	2.90	2.69	2.74	2.72
Colorado	3.35	3.59	3.02	2.78	2.57	2.67	2.80	2.86
Connecticut	5.37	4.61	5.51	4.32	3.31	3.27	3.70	3.73
Delaware	3.15	3.52	3.52	3.33	3.22	3.03	3.13	2.83
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.57	2.81	2.89	2.90	2.64	2.63	2.90	2.61
Georgia	4.06	4.25	4.62	3.44	3.25	3.48	3.79	3.28
Hawaii	5.46	5.62	5.72	5.69	5.46	7.01	6.49	7.72
Idaho	2.92	2.39	2.24	1.89	2.12	1.97	2.03	2.18
Illinois	3.28	3.18	3.40	3.43	3.26	3.48	3.75	3.20
Indiana	3.40	3.42	3.74	3.14	2.91	2.83	3.04	3.08
Iowa	3.52	3.60	4.28	3.55	2.94	2.81	3.02	3.20
Kansas	2.74	2.37	2.48	2.54	3.18	2.66	3.06	2.50
Kentucky	3.00	3.43	3.94	3.26	3.24	3.10	3.13	3.02
Louisiana	2.69	2.77	3.23	2.78	2.59	2.38	2.59	2.48
Maine	4.77	4.67	3.67	3.31	3.66	3.53	3.69	3.17
Maryland	5.41	5.85	4.98	3.80	2.90	2.89	3.02	3.20
Massachusetts	4.77	4.81	4.42	3.92	3.94	3.53	3.81	3.52
Michigan	2.60	2.77	3.17	2.82	2.84	2.90	3.43	3.04
Minnesota	3.48	3.46	3.82	2.98	2.94	2.78	2.97	2.92
Mississippi	2.89	3.00	3.41	2.89	2.61	2.44	2.62	2.62
Missouri	3.63	3.81	3.89	2.91	2.96	2.87	3.37	2.86
Montana	4.44	4.47	4.11	3.16	2.92	2.96	2.98	3.45
Nebraska	3.37	3.49	3.94	3.19	2.78	2.78	2.92	2.91
Nevada	3.74	3.55	3.73	3.29	2.66	2.36	2.57	2.37
New Hampshire	4.55	4.46	3.86	3.42	3.68	3.30	3.78	3.58
New Jersey	4.69	4.18	4.26	3.44	3.27	2.82	3.32	3.29
New Mexico	1.66	2.36	2.71	3.04	2.54	2.34	2.45	2.25
New York	3.49	3.73	4.08	3.64	3.11	2.91	3.10	3.01
North Carolina	3.74	3.57	3.65	3.24	3.01	2.83	3.09	2.88
North Dakota	4.57	4.21	4.05	3.24	3.01	2.97	3.11	3.28
Ohio	3.82	4.23	4.27	4.28	3.44	3.43	3.40	3.26
Oklahoma	1.80	2.10	2.54	2.26	2.44	2.40	2.50	2.22
Oregon	2.51	2.83	2.74	2.18	2.16	2.26	2.22	2.34
Pennsylvania	3.97	4.70	4.19	3.57	3.15	2.93	3.02	3.29
Rhode Island	7.73	6.17	6.59	4.09	3.34	3.12	3.57	3.82
South Carolina	4.25	3.93	4.20	3.48	3.09	3.27	3.39	3.23
South Dakota	4.42	4.31	4.31	3.36	3.12	2.98	3.07	3.10
Tennessee	3.34	3.39	3.80	3.29	3.07	2.81	2.95	2.89
Texas	3.04	3.14	3.36	3.09	3.16	3.21	3.44	3.06
Utah	2.89	2.71	5.61	3.74	3.49	2.89	2.94	4.09
Vermont	3.78	3.99	3.85	3.03	2.57	2.53	2.52	2.93
Virginia	3.29	3.43	3.73	3.36	3.14	3.18	3.24	2.91
Washington	2.37	2.56	2.52	1.85	2.06	2.11	2.18	1.90
West Virginia	5.73	4.77	1.94	3.32	2.94	2.94	2.96	3.24
Wisconsin	5.71	5.65	5.43	3.86	3.15	2.95	3.06	3.36
Wyoming	3.05	*2.83	3.77	3.07	2.89	2.63	2.71	2.90
Total	3.34	3.44	3.58	3.24	3.06	2.94	3.11	3.01

See footnotes at end of table.

Table 23. Average City Gate Price by State, 1991-1993

(Dollars per Thousand Cubic Feet) — Continued

State	1992							
	December	November	October	September	August	July	June	May
Alabama	3.43	3.44	3.91	3.67	3.65	3.25	3.28	3.01
Alaska	0.33	0.33	0.33	0.33	0.34	0.33	0.33	0.33
Arizona	2.55	2.69	2.64	2.45	2.43	2.70	2.31	1.57
Arkansas	2.64	2.71	2.49	2.41	2.38	2.41	2.53	2.43
California	2.75	2.91	2.92	2.80	2.82	2.73	2.59	2.47
Colorado	2.81	2.74	2.98	3.67	3.61	3.32	3.23	3.45
Connecticut	3.59	3.80	4.02	4.13	4.23	4.12	4.96	4.76
Delaware	3.53	3.93	3.74	2.74	1.78	2.72	2.90	2.59
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.07	3.19	3.16	2.64	2.58	2.41	2.37	2.29
Georgia	3.51	3.27	3.93	3.70	3.55	3.10	3.21	2.90
Hawaii	7.59	7.81	8.17	7.87	8.27	8.08	7.55	7.60
Idaho	2.06	1.99	2.37	2.47	3.61	2.52	2.57	2.55
Illinois	3.53	3.47	3.60	3.36	3.19	3.08	2.89	2.72
Indiana	3.26	3.33	3.69	3.03	3.52	2.97	3.16	2.71
Iowa	3.21	3.44	3.97	3.89	3.86	4.16	4.12	3.77
Kansas	2.48	2.79	2.33	2.31	2.49	2.30	2.07	2.32
Kentucky	3.26	3.28	3.53	2.76	2.74	2.57	2.98	2.89
Louisiana	2.82	2.83	3.24	2.70	2.60	2.26	2.30	2.42
Maine	4.00	3.41	3.45	2.80	4.19	2.72	2.82	2.66
Maryland	3.17	3.66	3.91	4.58	4.83	5.04	4.46	3.71
Massachusetts	3.89	3.95	3.88	3.40	3.24	3.35	3.77	3.66
Michigan	3.16	3.33	3.31	3.02	2.95	2.78	2.82	2.89
Minnesota	3.32	3.31	3.57	3.28	3.34	3.12	3.25	3.02
Mississippi	2.97	3.07	3.59	2.99	2.81	2.39	2.59	2.50
Missouri	2.78	3.16	3.56	3.52	3.39	2.74	3.20	2.85
Montana	2.91	3.01	3.19	3.85	4.38	4.80	4.51	4.03
Nebraska	3.09	3.15	3.55	3.47	3.23	3.18	3.28	3.07
Nevada	2.40	2.43	2.45	2.67	2.92	2.72	2.68	2.65
New Hampshire	3.96	4.02	3.70	3.16	3.83	3.27	3.62	3.31
New Jersey	3.32	4.32	3.95	3.97	3.38	3.40	3.17	3.19
New Mexico	2.55	2.66	2.99	2.30	2.13	2.09	2.48	2.09
New York	3.34	3.47	3.75	3.37	3.15	2.92	3.11	2.91
North Carolina	3.22	3.32	3.38	3.26	3.04	3.13	3.13	2.85
North Dakota	3.06	3.09	3.16	3.38	3.79	4.16	3.55	3.36
Ohio	3.69	3.51	3.84	3.60	3.71	3.72	3.43	3.35
Oklahoma	2.38	2.52	2.44	1.84	1.79	1.82	1.88	2.97
Oregon	2.39	2.36	2.35	2.27	2.41	2.25	2.14	2.59
Pennsylvania	3.37	3.61	3.82	4.20	4.32	3.92	4.01	3.62
Rhode Island	3.67	4.49	4.45	4.58	4.87	4.26	4.21	3.99
South Carolina	3.56	3.56	3.74	3.48	3.38	3.22	3.10	2.93
South Dakota	3.29	3.18	2.83	3.25	4.09	3.91	3.68	3.42
Tennessee	3.20	3.40	3.66	3.41	3.41	2.94	3.09	3.01
Texas	3.47	3.47	3.61	3.01	2.94	2.71	2.78	2.85
Utah	3.00	3.95	4.71	9.36	7.45	7.72	7.48	8.05
Vermont	2.60	2.86	2.95	4.06	4.17	3.25	3.25	3.04
Virginia	3.32	3.83	3.70	3.26	3.63	2.87	2.69	2.80
Washington	2.16	1.98	2.00	1.99	1.93	1.96	1.87	1.84
West Virginia	3.36	3.99	4.59	6.20	5.74	7.91	4.36	4.05
Wisconsin	3.17	3.48	3.97	4.47	4.94	4.76	3.84	3.45
Wyoming	2.69	2.55	2.66	3.01	3.32	3.36	3.63	3.43
Total	3.17	3.33	3.50	3.23	3.18	3.01	3.00	2.90

R = Revised Data.

— = Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

Table 24. Average Price of Natural Gas Delivered to Residential Consumers by State, 1991-1993

(Dollars per Thousand Cubic Feet)

State	YTD 1993	YTD 1992	YTD 1991	1993				
				December	November	October	September	August
Alabama	7.09	6.74	7.05	6.84	7.42	9.62	9.94	9.90
Alaska	3.96	3.79	4.18	3.86	3.94	4.00	4.32	4.50
Arizona	7.25	7.24	6.99	6.77	7.74	9.38	9.74	9.94
Arkansas	5.37	5.10	4.98	5.29	5.45	6.73	7.58	7.29
California	6.23	5.97	6.27	6.33	6.29	6.68	6.67	6.61
Colorado	4.47	4.56	4.59	4.51	4.50	4.97	5.51	6.01
Connecticut	9.46	8.96	8.74	9.33	9.50	9.86	11.43	11.59
Delaware	6.64	6.13	5.86	7.28	6.92	7.85	8.68	8.80
District of Columbia	8.43	7.61	7.07	8.29	8.55	9.20	9.92	8.68
Florida	10.46	9.08	8.98	9.84	11.21	12.32	12.50	12.81
Georgia	6.82	6.44	6.70	6.47	6.75	7.76	9.32	9.43
Hawaii	17.51	18.03	22.93	17.01	17.14	17.61	17.84	18.43
Idaho	5.40	5.23	5.19	5.59	5.94	6.28	6.54	6.81
Illinois	5.52	5.09	4.95	5.22	5.36	6.12	7.16	3.26
Indiana	5.87	5.43	5.46	5.66	5.72	6.03	7.60	8.39
Iowa	5.75	5.23	4.81	5.41	5.48	6.59	8.64	8.69
Kansas	4.87	4.70	4.38	5.13	5.29	6.04	6.55	6.49
Kentucky	5.27	5.01	4.87	5.06	5.17	5.65	7.52	7.68
Louisiana	6.07	5.60	5.77	6.45	6.62	7.89	8.11	8.06
Maine	7.46	6.95	6.86	7.79	^a 7.88	7.52	8.55	9.05
Maryland	7.16	6.43	6.16	6.67	7.12	8.07	9.11	9.65
Massachusetts	7.90	7.92	8.11	9.46	^a 9.37	7.55	8.33	8.56
Michigan	4.85	5.06	5.07	4.67	4.95	5.33	6.35	7.21
Minnesota	5.31	4.86	4.52	5.14	5.02	5.66	6.46	7.36
Mississippi	4.98	4.95	5.21	5.29	5.50	6.20	5.70	5.58
Missouri	5.28	5.11	5.14	5.26	5.50	6.86	8.14	8.42
Montana	4.95	4.80	4.52	4.94	5.13	5.29	5.71	5.95
Nebraska	5.01	4.82	4.64	5.63	4.95	5.70	6.40	6.71
Nevada	5.69	5.59	5.61	5.91	6.20	6.80	7.16	7.32
New Hampshire	7.63	7.55	7.14	8.52	8.54	7.09	8.45	9.29
New Jersey	6.88	6.94	6.73	6.86	6.92	7.38	8.58	8.85
New Mexico	4.81	4.75	5.40	4.60	^a 4.12	^a 4.41	8.07	8.00
New York	7.29	7.58	7.35	8.54	8.49	^a 9.46	11.03	11.58
North Carolina	7.01	6.60	6.24	7.15	7.11	8.56	10.54	10.91
North Dakota	5.22	5.00	4.82	5.13	5.40	6.04	6.92	7.38
Ohio	5.69	5.20	5.28	5.49	5.87	6.19	7.49	7.79
Oklahoma	4.93	4.96	4.72	4.39	4.79	6.61	7.33	7.51
Oregon	6.41	6.17	6.13	6.60	6.77	^a 7.48	7.99	8.02
Pennsylvania	6.84	6.60	6.76	6.77	6.97	7.42	8.92	9.54
Rhode Island	8.27	7.68	7.63	8.92	9.04	8.98	10.09	10.09
South Carolina	7.40	7.03	6.98	7.60	7.61	8.03	9.07	9.15
South Dakota	5.45	5.15	4.94	5.51	5.15	5.86	7.29	7.09
Tennessee	5.76	5.50	5.19	5.80	5.62	6.87	7.33	7.60
Texas	5.95	5.78	5.71	5.70	5.82	7.21	8.05	7.78
Utah	5.13	5.44	5.44	5.11	5.07	5.04	5.70	5.84
Vermont	6.19	6.70	6.23	6.23	6.50	6.88	7.96	7.81
Virginia	7.68	6.69	6.80	7.33	7.37	9.26	10.81	11.04
Washington	5.12	5.00	4.68	5.29	5.46	^a 6.22	7.01	7.24
West Virginia	6.43	6.31	6.50	6.68	6.67	6.66	8.24	8.75
Wisconsin	6.38	5.87	5.61	6.59	6.52	6.83	7.44	7.73
Wyoming	4.71	4.72	4.74	4.83	4.93	5.19	5.76	5.96
Total	5.89	5.89	5.82	6.07	^a5.85	^a6.44	7.74	8.10

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Residential Consumers by State, 1991-1993

(Dollars per Thousand Cubic Feet) — Continued

State	1993							1992
	July	June	May	April	March	February	January	Total
Alabama	9.81	9.36	7.74	6.59	6.15	6.49	6.53	6.74
Alaska	4.47	4.25	4.05	3.93	3.90	3.82	3.83	3.79
Arizona	9.50	8.92	8.23	7.31	6.68	6.50	6.36	7.24
Arkansas	7.14	6.65	5.76	5.12	5.04	5.02	4.77	5.10
California	6.61	6.58	6.10	5.71	5.87	6.02	6.20	5.97
Colorado	5.62	5.06	4.56	4.36	4.21	4.17	4.13	4.56
Connecticut	11.37	10.89	10.35	9.59	9.03	8.79	8.99	8.96
Delaware	8.66	8.25	7.09	6.25	6.01	6.05	6.09	6.13
District of Columbia	8.17	8.28	8.70	8.27	8.22	8.33	8.45	7.61
Florida	12.62	12.39	11.42	9.83	9.27	9.23	9.07	9.08
Georgia	9.06	8.91	8.08	6.49	6.13	6.18	6.51	6.44
Hawaii	17.97	17.57	17.86	17.70	17.20	16.50	17.62	18.03
Idaho	6.30	5.99	5.49	5.30	5.02	4.98	4.93	5.23
Illinois	7.88	7.64	6.98	5.63	4.88	5.02	5.08	5.09
Indiana	8.49	7.81	6.81	5.94	5.36	5.43	5.58	5.43
Iowa	9.13	7.27	7.04	5.92	5.27	4.94	5.34	5.23
Kansas	6.12	6.28	5.26	4.58	4.43	4.41	4.37	4.70
Kentucky	7.44	6.78	6.72	5.28	4.83	4.72	5.08	5.01
Louisiana	7.26	7.29	6.98	5.67	5.30	4.71	5.44	5.60
Maine	8.88	8.29	8.11	7.51	7.11	6.89	6.75	6.95
Maryland	9.65	9.09	8.05	7.02	6.43	6.66	6.88	6.43
Massachusetts	8.01	7.52	6.85	8.54	8.33	8.28	8.27	7.92
Michigan	6.69	6.10	5.37	4.67	4.46	4.42	4.43	5.06
Minnesota	6.29	6.13	6.10	5.35	5.03	4.95	5.13	4.86
Mississippi	5.55	5.49	5.76	4.66	4.36	4.44	4.80	4.95
Missouri	7.96	7.42	5.82	4.91	4.62	4.67	4.72	5.11
Montana	5.64	5.65	5.16	4.85	4.68	4.73	4.55	4.80
Nebraska	6.45	5.99	5.51	4.77	4.51	4.55	4.72	4.82
Nevada	7.07	6.50	6.01	5.54	5.23	5.06	4.96	5.59
New Hampshire	8.60	7.53	6.59	5.91	7.66	7.48	7.86	7.55
New Jersey	8.64	8.23	7.67	6.93	6.33	6.34	6.49	6.94
New Mexico	^a 6.79	^a 15.76	^a 9.46	^a 7.95	^a 5.42	4.80	^a 4.84	4.75
New York	11.10	9.96	9.29	7.81	7.24	7.30	7.67	7.58
North Carolina	10.49	9.57	7.71	6.33	6.08	6.58	6.76	6.60
North Dakota	6.83	6.38	5.60	5.06	4.84	4.82	4.71	5.00
Ohio	7.39	6.50	5.97	5.49	5.31	5.43	5.33	5.20
Oklahoma	7.15	6.55	5.64	4.76	4.52	4.58	4.57	4.96
Oregon	7.78	7.44	6.55	6.14	5.99	5.95	5.90	6.17
Pennsylvania	9.47	8.20	7.64	6.69	6.35	6.34	6.18	6.60
Rhode Island	9.72	9.47	8.49	7.85	7.67	7.64	7.69	7.68
South Carolina	8.93	8.47	7.34	6.56	6.78	7.31	7.69	7.03
South Dakota	6.65	6.13	5.89	5.38	5.15	5.12	5.13	5.15
Tennessee	7.38	7.01	6.23	5.47	5.20	5.83	5.45	5.50
Texas	7.54	7.20	6.76	5.78	5.32	5.52	5.26	5.78
Utah	5.60	5.40	4.82	4.89	5.15	5.08	5.14	5.44
Vermont	7.60	6.91	6.46	6.08	5.94	5.96	5.59	6.70
Virginia	11.17	10.71	9.30	7.49	6.79	7.18	7.14	6.69
Washington	6.76	3.75	5.37	5.03	4.80	4.76	4.59	5.00
West Virginia	9.35	7.63	6.88	6.18	5.97	5.93	6.00	6.31
Wisconsin	7.61	7.29	7.36	6.15	5.96	5.94	5.91	5.87
Wyoming	5.58	4.91	4.69	4.54	4.44	4.43	4.36	4.72
Total	^a 7.45	^a 6.98	^a 6.40	^a 5.68	^a 5.36	5.71	^a 5.43	5.89

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Residential Consumers by State, 1991-1993

(Dollars per Thousand Cubic Feet) — Continued

State	1992							
	December	November	October	September	August	July	June	May
Alabama	6.42	7.36	8.36	8.94	9.06	8.93	8.00	6.98
Alaska	3.70	3.74	3.79	4.02	4.54	4.20	4.03	3.83
Arizona	6.55	7.59	9.19	9.64	9.87	9.54	9.02	8.53
Arkansas	4.73	5.30	6.39	6.86	6.83	6.46	6.16	5.53
California	5.80	5.60	6.35	6.29	6.21	6.27	6.28	5.99
Colorado	4.17	4.50	5.37	5.89	6.06	5.78	5.25	4.96
Connecticut	7.68	7.84	8.41	10.66	11.20	10.67	10.54	9.84
Delaware	6.22	6.44	7.20	8.05	8.08	7.94	7.39	6.51
District of Columbia	8.30	8.58	9.13	9.18	7.36	6.77	7.22	7.95
Florida	8.63	10.20	11.36	11.48	11.26	10.99	10.69	9.80
Georgia	6.11	6.33	7.64	3.87	8.38	8.30	7.88	6.96
Hawaii	18.05	18.42	18.60	18.46	18.52	18.19	17.71	18.04
Idaho	4.89	5.24	5.62	6.00	6.61	6.22	6.17	5.56
Illinois	5.14	5.42	5.60	6.37	6.87	6.91	6.45	5.52
Indiana	5.54	5.17	5.44	6.85	6.97	6.87	6.42	5.93
Iowa	5.29	5.62	6.90	7.66	7.89	7.56	6.71	5.67
Kansas	4.45	4.71	5.32	5.81	5.92	5.95	5.40	5.11
Kentucky	5.04	5.14	6.34	6.96	6.42	6.25	5.79	4.98
Louisiana	5.73	6.61	7.87	7.34	7.41	7.06	6.78	6.27
Maine	7.12	6.89	6.77	7.12	7.65	7.51	6.76	6.78
Maryland	6.99	6.81	7.43	8.80	8.51	8.17	7.58	6.26
Massachusetts	8.55	8.61	6.74	7.70	7.79	7.61	6.95	6.12
Michigan	4.73	4.98	5.39	6.45	6.71	6.58	6.02	5.28
Minnesota	5.19	5.43	6.04	5.93	5.98	5.56	5.51	4.85
Mississippi	5.05	5.70	6.25	5.75	5.84	5.64	5.51	5.45
Missouri	4.93	5.57	6.59	7.23	7.40	6.99	6.24	5.32
Montana	4.61	4.77	5.14	5.45	6.02	5.78	5.57	5.06
Nebraska	4.90	5.15	5.78	6.16	6.24	5.90	5.47	4.91
Nevada	5.03	5.68	6.76	7.06	7.37	6.89	6.81	6.41
New Hampshire	8.00	9.10	8.09	8.97	9.16	9.09	8.58	7.83
New Jersey	6.80	6.99	7.23	8.50	8.77	8.68	8.41	7.46
New Mexico	4.58	5.17	6.44	6.81	6.88	6.63	6.04	5.35
New York	7.74	8.68	8.62	9.92	10.28	9.70	8.70	7.40
North Carolina	6.66	7.12	7.72	10.03	10.51	9.89	8.24	6.74
North Dakota	4.85	4.98	5.64	6.26	6.75	6.33	6.04	5.21
Ohio	5.38	5.52	5.76	6.51	6.98	6.27	5.92	5.27
Oklahoma	4.57	4.82	6.14	6.71	6.84	6.59	6.29	5.87
Oregon	5.92	6.16	6.66	7.27	7.64	7.32	6.96	6.48
Pennsylvania	6.18	6.36	6.87	8.34	8.98	8.94	8.14	7.20
Rhode Island	7.62	7.85	8.28	9.00	9.53	8.71	8.45	7.77
South Carolina	6.86	7.39	7.17	8.45	8.61	8.37	7.67	6.68
South Dakota	5.30	5.37	6.09	6.36	6.67	6.31	6.04	4.64
Tennessee	5.34	5.93	6.29	7.02	7.14	6.81	6.38	5.72
Texas	5.14	6.02	7.32	7.48	7.62	7.42	7.16	6.92
Utah	5.21	5.15	5.35	5.87	5.95	5.86	5.80	5.48
Vermont	6.36	6.73	7.14	8.02	8.42	8.22	7.78	7.05
Virginia	7.10	7.05	7.93	9.83	9.16	8.97	7.84	6.61
Washington	4.60	4.94	5.57	6.35	7.05	7.17	6.24	5.46
West Virginia	7.60	6.12	6.48	7.83	8.41	8.32	7.23	6.39
Wisconsin	5.98	6.27	6.68	6.89	6.90	6.50	6.40	5.67
Wyoming	4.41	4.64	5.09	5.57	5.96	5.69	5.28	4.96
Total	5.74	6.02	6.52	7.15	7.45	7.27	6.84	6.15

^R = Revised Data.

Notes: Data for 1991 and 1992 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

Table 25. Average Price of Natural Gas Sold to Commercial Consumers by State, 1991-1993

(Dollars per Thousand Cubic Feet)

State	YTD 1993	YTD 1992	YTD 1991	1993				
				December	November	October	September	August
Alabama	6.10	5.71	5.74	5.95	6.24	6.75	6.84	6.75
Alaska	2.78	2.64	2.89	2.84	2.78	2.70	2.64	2.54
Arizona	5.06	5.19	5.07	5.12	5.30	5.36	5.16	5.00
Arkansas	4.45	4.39	4.35	4.49	4.57	4.91	5.00	4.68
California	5.46	5.15	5.50	5.15	4.55	4.43	5.20	5.95
Colorado	3.89	4.01	4.04	4.09	3.98	4.03	3.90	4.04
Connecticut	7.25	7.20	6.90	7.42	7.00	6.77	7.42	7.26
Delaware	5.43	4.94	4.81	5.71	5.79	5.59	6.00	5.64
District of Columbia	5.81	5.36	5.17	5.86	6.03	5.05	5.62	5.56
Florida	5.75	4.98	4.93	5.75	5.76	5.65	5.54	5.52
Georgia	5.80	5.55	5.66	5.92	5.76	6.09	6.26	6.12
Hawaii	12.90	13.34	13.36	12.54	12.63	12.84	12.86	13.08
Idaho	4.65	4.40	4.42	4.93	5.23	5.21	5.21	5.16
Illinois	5.12	4.65	4.56	5.05	5.02	5.51	5.82	6.55
Indiana	5.01	4.56	4.61	5.02	4.97	5.03	5.59	5.80
Iowa	4.78	4.27	3.99	4.73	4.53	5.17	5.87	5.33
Kansas	4.13	3.53	3.32	4.79	4.59	4.28	3.81	3.44
Kentucky	4.83	4.48	4.44	5.14	4.95	4.90	5.51	5.11
Louisiana	5.35	4.73	4.90	6.21	5.92	5.88	5.67	5.66
Maine	6.76	6.19	6.02	7.25	^a 7.40	6.49	6.81	6.42
Maryland	5.74	5.24	5.05	5.43	5.57	6.24	5.81	6.07
Massachusetts	6.16	5.86	6.17	7.71	^a 6.94	4.63	4.48	4.45
Michigan	4.52	4.65	4.70	4.51	4.68	4.94	5.48	5.75
Minnesota	4.49	4.10	3.81	4.33	4.14	4.42	4.81	5.20
Mississippi	4.21	4.13	4.28	4.65	4.57	4.45	4.22	3.95
Missouri	4.73	4.47	4.51	4.99	4.82	5.17	5.37	5.16
Montana	4.77	4.46	4.35	4.85	4.93	4.86	5.09	5.14
Nebraska	4.28	4.00	3.87	4.28	4.17	4.22	4.80	4.19
Nevada	4.40	4.33	4.34	4.90	4.44	4.41	4.42	4.42
New Hampshire	6.77	6.74	6.35	7.76	7.31	5.96	6.12	6.20
New Jersey	5.49	5.54	5.21	6.01	5.90	5.17	5.18	5.44
New Mexico	3.83	3.36	4.15	4.01	^a 3.53	^a 3.43	4.61	4.34
New York	6.11	5.75	5.47	6.45	6.10	5.89	5.83	5.89
North Carolina	5.59	4.79	4.52	6.02	5.87	5.67	5.48	5.68
North Dakota	4.75	4.52	4.33	4.66	4.68	5.24	5.51	5.61
Ohio	5.22	4.72	4.77	5.18	5.45	5.55	5.90	5.96
Oklahoma	4.51	4.23	3.91	4.38	4.47	4.53	4.64	4.48
Oregon	5.03	4.73	4.75	5.34	5.24	5.27	5.38	5.53
Pennsylvania	5.98	5.87	6.00	5.98	6.01	6.04	6.50	6.88
Rhode Island	7.14	6.32	6.02	7.51	7.37	6.62	7.00	6.64
South Carolina	5.83	5.65	5.56	6.14	6.02	5.35	5.32	5.43
South Dakota	4.54	4.20	4.04	4.78	4.18	4.56	5.76	4.82
Tennessee	5.19	5.06	4.75	5.39	5.19	5.20	5.24	5.30
Texas	4.40	4.09	4.01	4.85	4.81	4.66	4.41	3.82
Utah	4.16	4.40	4.51	4.22	4.16	3.93	4.23	4.32
Vermont	5.25	5.67	5.24	5.06	5.06	4.92	5.11	5.69
Virginia	5.61	4.98	4.85	5.61	5.47	5.63	5.72	6.14
Washington	4.44	4.32	4.06	4.07	4.69	^a 4.78	4.98	5.00
West Virginia	5.96	5.48	6.11	6.02	5.98	5.93	6.95	7.25
Wisconsin	5.01	4.81	4.62	5.29	5.14	5.27	5.52	5.34
Wyoming	4.26	4.26	4.32	4.45	4.57	4.16	4.49	4.28
Total	4.88	4.88	4.81	5.27	^a4.80	^a4.76	5.27	5.26

See footnotes at end of table.

Table 25. Average Price of Natural Gas Sold to Commercial Consumers by State, 1991-1993

(Dollars per Thousand Cubic Feet) — Continued

State	1993							1992
	July	June	May	April	March	February	January	Total
Alabama	6.86	6.74	6.33	5.83	5.69	5.89	5.92	5.71
Alaska	2.61	2.67	2.73	2.83	2.79	2.92	2.89	2.64
Arizona	4.86	4.82	5.03	5.03	5.06	5.00	5.02	5.20
Arkansas	4.77	4.96	4.41	4.35	4.32	4.33	4.20	4.38
California	4.63	5.83	5.24	5.50	6.19	5.43	6.93	5.15
Colorado	4.08	3.95	3.87	3.82	3.82	3.81	3.75	4.00
Connecticut	7.31	6.97	7.19	7.36	7.35	7.22	7.33	7.20
Delaware	5.64	7.75	5.46	5.19	5.11	5.12	5.17	4.94
District of Columbia	5.47	5.59	5.60	5.72	6.08	5.99	5.95	5.36
Florida	5.82	5.98	6.01	5.87	5.94	5.90	5.20	4.98
Georgia	5.78	6.13	6.14	5.60	5.21	5.79	5.92	5.55
Hawaii	13.23	12.92	13.27	13.18	12.79	12.40	13.17	13.34
Idaho	4.93	4.65	4.65	4.60	4.36	4.26	4.33	4.40
Illinois	6.01	6.80	6.01	5.26	4.65	4.83	4.91	4.65
Indiana	6.33	5.99	5.29	4.99	4.62	4.81	4.95	4.57
Iowa	5.66	5.07	5.48	5.03	4.64	4.23	4.73	4.27
Kansas	3.41	4.14	4.24	4.12	4.11	4.09	4.09	3.53
Kentucky	5.27	3.98	5.00	4.62	4.60	4.59	4.91	4.47
Louisiana	5.39	5.46	5.43	5.05	4.91	4.55	5.11	4.79
Maine	6.96	6.84	6.81	6.77	6.77	6.45	6.30	6.19
Maryland	6.13	5.99	5.91	5.68	5.57	5.77	5.85	5.24
Massachusetts	4.36	4.58	4.72	7.02	7.20	7.38	7.21	5.86
Michigan	5.57	5.29	4.77	4.35	4.27	4.27	4.32	4.65
Minnesota	4.56	4.71	5.11	4.70	4.43	4.32	4.60	4.10
Mississippi	3.94	4.00	4.54	4.06	3.93	3.93	4.25	4.13
Missouri	5.18	5.30	4.73	4.48	4.47	4.54	4.60	4.47
Montana	5.07	5.12	4.79	4.65	4.61	4.66	4.56	4.46
Nebraska	4.55	4.13	4.58	4.24	4.16	4.20	4.34	3.99
Nevada	4.42	4.41	4.15	4.30	4.30	4.31	4.28	4.33
New Hampshire	6.21	6.04	5.78	5.61	7.14	6.92	6.99	6.74
New Jersey	4.95	5.16	5.29	5.25	5.41	5.42	5.64	5.54
New Mexico	4.42	^a 6.14	^a 5.24	^a 5.47	4.07	4.03	^a 4.44	3.36
New York	6.11	6.63	7.12	6.27	5.73	5.85	6.10	5.75
North Carolina	5.79	5.77	5.44	5.15	5.31	5.51	5.66	4.79
North Dakota	5.45	5.37	5.04	4.75	4.61	4.54	4.55	4.52
Ohio	5.65	5.89	5.10	5.13	4.97	5.16	5.03	4.72
Oklahoma	4.76	4.66	4.44	4.51	4.48	4.52	4.55	4.23
Oregon	5.43	5.29	4.97	4.77	4.75	4.79	4.78	4.73
Pennsylvania	6.89	6.52	6.43	6.07	5.81	5.79	5.60	5.87
Rhode Island	7.26	7.55	7.48	7.01	6.94	6.95	7.21	6.31
South Carolina	5.41	5.46	5.49	5.67	5.85	6.12	6.22	5.65
South Dakota	4.72	4.61	5.21	4.52	4.34	4.31	4.43	4.19
Tennessee	5.30	5.50	5.12	4.95	4.96	5.13	5.31	5.06
Texas	3.79	3.85	4.07	4.12	4.34	4.74	4.73	4.09
Utah	4.19	4.18	3.82	3.96	4.23	4.19	4.26	4.40
Vermont	5.75	5.73	5.54	5.32	5.36	5.35	5.05	5.67
Virginia	5.95	6.01	5.61	5.62	5.26	5.61	5.66	4.97
Washington	4.80	4.66	4.52	4.34	4.33	4.36	4.28	4.32
West Virginia	7.52	7.01	6.41	5.84	5.67	5.67	5.69	5.48
Wisconsin	5.20	5.20	5.53	4.93	4.74	4.71	4.77	4.81
Wyoming	4.33	4.51	4.18	4.15	4.15	4.16	4.12	4.26
Total	5.03	^a4.93	^a4.86	^a4.79	5.06	5.08	^a4.84	4.88

See footnotes at end of table.

Table 25. Average Price of Natural Gas Sold to Commercial Consumers by State, 1991-1993

(Dollars per Thousand Cubic Feet) — Continued

State	1992							
	December	November	October	September	August	July	June	May
Alabama	5.90	6.10	6.19	6.12	6.14	5.98	5.70	5.60
Alaska	2.68	2.67	2.59	2.50	2.63	2.48	2.54	2.61
Arizona	5.09	5.22	5.28	4.87	5.28	5.08	5.37	5.74
Arkansas	4.35	4.47	4.72	4.55	4.62	4.36	4.29	4.25
California	5.73	5.45	4.53	4.20	4.40	4.39	3.91	3.77
Colorado	3.84	3.91	4.19	4.32	4.38	4.32	4.23	4.16
Connecticut	6.88	6.80	6.90	6.45	6.30	6.37	7.55	7.21
Delaware	5.18	5.07	5.07	5.16	5.14	5.16	5.14	5.01
District of Columbia	5.95	5.90	5.26	4.99	4.76	4.85	4.89	5.18
Florida	5.36	5.35	5.30	5.13	4.95	4.95	4.97	4.43
Georgia	5.62	6.03	5.98	2.76	5.53	5.51	5.53	5.34
Hawaii	13.57	13.71	13.83	13.67	13.44	13.24	12.95	13.34
Idaho	4.22	4.50	4.53	4.56	4.60	4.65	4.64	4.61
Illinois	4.88	4.93	4.89	5.28	5.31	5.48	5.94	4.80
Indiana	4.85	4.34	4.21	4.95	4.64	4.79	4.75	4.67
Iowa	4.58	4.54	5.31	5.02	4.99	4.57	4.58	4.23
Kansas	3.98	3.68	3.08	2.69	2.77	2.88	2.85	3.15
Kentucky	4.78	4.77	4.52	4.61	4.75	4.50	4.46	4.19
Louisiana	5.39	5.54	5.60	4.91	5.06	4.71	4.80	4.69
Maine	6.46	6.14	5.38	5.56	5.95	5.49	5.47	5.53
Maryland	5.89	5.73	5.57	5.54	5.37	5.31	5.01	4.79
Massachusetts	7.00	6.40	4.29	4.15	3.85	3.76	4.54	4.49
Michigan	4.49	4.63	4.89	5.40	5.47	5.41	5.11	4.70
Minnesota	4.59	4.61	4.88	4.39	4.32	3.96	4.20	3.99
Mississippi	4.53	4.51	4.62	4.02	3.90	3.80	3.89	4.04
Missouri	4.68	4.86	4.62	4.53	4.71	4.96	4.35	4.25
Montana	4.39	4.46	4.58	4.76	4.98	4.93	4.86	4.58
Nebraska	4.31	4.27	4.21	3.93	3.78	3.69	3.98	3.75
Nevada	4.26	4.31	4.37	4.42	4.45	4.37	4.41	4.40
New Hampshire	7.18	7.43	6.75	6.95	6.85	7.24	6.50	7.03
New Jersey	5.75	6.02	5.45	5.31	5.24	4.99	5.33	5.36
New Mexico	3.66	3.32	3.19	3.08	2.99	3.28	3.82	3.39
New York	6.26	6.44	5.66	5.57	5.84	5.76	6.08	5.77
North Carolina	5.38	5.31	4.73	4.93	4.82	4.84	4.78	4.49
North Dakota	4.59	4.68	4.89	4.96	5.15	5.00	4.92	4.55
Ohio	5.15	5.08	5.00	5.19	5.28	4.67	4.84	4.54
Oklahoma	4.45	4.22	4.10	4.11	4.05	4.06	4.31	4.28
Oregon	4.72	4.69	4.73	4.89	5.02	4.95	4.82	4.73
Pennsylvania	5.59	5.67	5.70	6.23	6.49	6.73	6.56	6.25
Rhode Island	6.95	6.99	5.49	5.15	5.07	5.31	5.67	5.73
South Carolina	6.02	6.08	5.31	5.36	5.32	5.34	5.32	5.07
South Dakota	4.44	4.45	4.84	4.62	4.62	4.40	4.40	4.19
Tennessee	5.25	5.35	5.25	5.17	5.25	4.86	4.91	4.77
Texas	4.54	4.45	4.12	4.00	3.63	3.53	3.93	3.81
Utah	4.27	4.20	4.04	4.23	4.33	4.36	4.38	4.23
Vermont	5.49	5.55	5.61	5.73	6.01	6.15	6.20	5.96
Virginia	5.66	5.27	5.42	5.06	5.08	5.05	4.51	4.20
Washington	3.85	4.44	4.56	4.63	4.69	4.64	4.63	4.49
West Virginia	5.30	5.45	5.75	6.83	6.93	6.90	6.42	5.76
Wisconsin	4.94	5.21	5.45	5.43	5.42	4.91	5.11	4.44
Wyoming	4.21	4.28	4.36	4.36	4.38	4.31	4.31	4.23
Total	5.11	5.12	4.90	4.69	4.73	4.64	4.72	4.59

^R = Revised Data.

Notes: Data for 1991 and 1992 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 28 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857.

Table 26. Average Price of Natural Gas Sold to Industrial Consumers by State, 1991-1993

(Dollars per Thousand Cubic Feet)

State	YTD 1993	YTD 1992	YTD 1991	1993				
				December	November	October	September	August
Alabama	3.42	3.07	3.00	3.57	3.30	3.19	3.60	3.25
Alaska	1.29	1.18	1.18	1.20	1.20	1.20	1.24	1.24
Arizona	4.02	4.16	3.51	3.95	4.08	4.07	3.97	4.01
Arkansas	3.23	3.13	3.06	3.37	3.33	3.31	3.26	3.15
California	3.32	3.67	3.96	3.09	2.75	2.41	3.02	3.39
Colorado	2.32	2.20	2.34	2.62	2.46	2.48	2.07	2.17
Connecticut	4.51	4.92	4.84	4.92	^a 4.48	3.73	4.02	3.95
Delaware	3.40	3.25	3.09	3.85	3.61	3.37	3.44	3.17
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.85	3.22	3.11	3.99	4.03	3.88	3.85	3.85
Georgia	4.08	3.50	3.34	4.22	4.06	4.12	4.63	3.84
Hawaii	—	—	—	—	—	—	—	—
Idaho *	—	—	2.94	—	—	—	—	—
Illinois	4.46	3.75	3.77	4.88	4.64	4.62	4.40	4.77
Indiana	3.70	3.39	3.53	4.39	4.01	3.81	4.14	3.68
Iowa	3.83	3.55	2.65	3.86	3.71	2.87	4.64	3.74
Kansas	2.31	2.61	2.67	2.96	^a 2.68	2.53	2.79	2.56
Kentucky	3.83	3.23	3.23	4.21	4.16	3.85	3.75	3.72
Louisiana	2.30	1.93	1.74	2.53	2.42	2.40	2.40	2.22
Maine	4.78	4.14	4.69	5.68	^a 4.84	4.33	3.97	3.96
Maryland	3.61	3.56	3.51	3.62	3.61	2.80	3.90	3.82
Massachusetts	3.39	4.14	3.99	7.02	^a 5.62	3.87	3.94	3.71
Michigan	4.11	3.92	4.00	4.08	4.20	4.26	4.49	4.33
Minnesota	3.24	3.05	2.78	3.22	3.89	3.00	3.11	3.47
Mississippi	2.98	2.53	2.35	3.38	3.19	3.02	3.23	3.00
Missouri	4.22	3.87	4.08	4.40	4.28	4.29	4.02	4.06
Montana	4.12	4.19	3.22	4.77	4.73	5.02	4.66	4.23
Nebraska	3.18	2.92	2.76	3.58	3.23	3.20	3.22	2.87
Nevada	4.30	4.07	4.21	4.20	4.80	5.19	4.93	4.33
New Hampshire	4.52	4.49	4.31	6.04	^a 5.07	3.94	3.75	3.75
New Jersey	3.60	3.42	3.65	3.76	3.59	3.48	3.32	3.23
New Mexico	3.72	6.86	3.53	3.71	^a 3.73	^a 2.87	^a 6.48	3.50
New York	5.59	4.93	4.72	5.51	5.19	5.27	5.15	5.84
North Carolina	3.87	3.34	3.24	4.38	4.12	3.61	3.59	3.44
North Dakota	3.42	3.25	3.19	3.88	3.33	3.36	3.13	3.73
Ohio	4.73	4.15	4.09	4.90	5.00	4.72	4.94	4.77
Oklahoma	2.20	2.02	1.69	2.48	2.22	2.14	2.28	2.26
Oregon	3.48	3.36	3.41	3.73	3.46	3.26	3.37	3.36
Pennsylvania	3.71	3.75	4.02	3.91	3.70	3.77	3.48	3.35
Rhode Island	5.10	4.66	5.40	5.23	4.48	4.53	4.74	3.94
South Carolina	3.32	3.13	2.95	3.78	3.37	3.12	3.30	3.05
South Dakota	3.82	3.63	3.31	3.80	3.73	3.89	5.47	3.99
Tennessee	3.67	3.44	3.22	3.85	3.72	3.63	3.68	3.47
Texas	2.38	2.12	1.93	2.64	2.32	2.28	2.62	2.42
Utah	3.08	3.91	3.69	3.22	3.16	2.87	3.00	2.81
Vermont	3.57	3.28	2.99	3.47	3.52	3.43	3.39	3.48
Virginia	4.00	3.72	3.81	3.99	4.45	3.97	3.81	2.61
Washington	3.15	2.91	2.79	3.16	3.27	3.20	3.38	3.31
West Virginia	2.95	2.89	2.95	3.49	3.17	2.85	3.18	2.79
Wisconsin	4.00	3.38	3.16	4.32	4.07	4.08	4.07	3.69
Wyoming	2.97	2.91	3.03	3.30	3.29	3.25	3.23	3.19
Total	2.90	2.84	2.69	3.35	^a2.90	^a2.66	^a2.82	2.86

See footnotes at end of table.

Table 26. Average Price of Natural Gas Sold to Industrial Consumers by State, 1991-1993

(Dollars per Thousand Cubic Feet) — Continued

State	1993							1992
	July	June	May	April	March	February	January	Total
Alabama	3.16	3.30	3.78	3.47	3.47	3.38	3.58	3.07
Alaska	1.24	1.35	1.35	1.35	1.35	1.35	1.35	1.18
Arizona	3.98	4.65	4.03	3.92	3.97	3.98	3.97	4.16
Arkansas	3.19	3.07	3.04	3.15	3.22	3.31	3.24	3.13
California	2.84	3.77	3.52	3.82	3.31	3.77	4.85	3.67
Colorado	2.10	2.14	2.48	2.26	2.27	2.27	2.49	2.20
Connecticut	3.93	3.90	4.42	4.77	4.96	5.01	5.34	4.92
Delaware	3.11	3.52	3.69	3.31	3.26	3.22	3.32	3.25
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.00	4.01	4.03	3.86	3.82	3.64	3.48	3.22
Georgia	3.61	4.41	4.49	4.11	3.97	3.81	4.10	3.50
Hawaii	—	—	—	—	—	—	—	—
Idaho *	—	—	—	—	—	—	—	2.97
Illinois	4.62	4.62	4.64	4.81	4.23	4.15	4.12	3.75
Indiana	3.97	3.96	3.12	3.36	3.41	3.48	3.86	3.39
Iowa	4.04	4.78	3.75	4.44	3.85	3.50	4.11	3.55
Kansas	2.59	2.55	2.70	2.60	2.83	2.66	2.87	2.61
Kentucky	3.66	3.62	3.65	3.44	3.76	3.83	4.23	3.23
Louisiana	2.16	2.43	2.62	2.27	1.96	1.96	2.27	1.93
Maine	4.03	5.36	5.31	4.75	5.49	5.40	4.76	4.14
Maryland	3.67	3.41	4.33	4.67	3.96	3.88	3.25	3.56
Massachusetts	4.24	3.68	4.56	5.80	6.45	6.55	6.32	4.14
Michigan	4.37	4.24	4.16	4.06	4.02	4.02	4.04	3.92
Minnesota	3.21	2.70	3.40	3.34	3.03	3.33	3.33	3.05
Mississippi	2.62	2.80	3.34	2.94	2.76	2.71	2.80	2.53
Missouri	4.19	4.25	4.10	4.19	4.15	4.27	4.26	3.87
Montana	4.17	4.09	3.97	3.82	3.81	3.81	3.99	4.19
Nebraska	2.91	2.57	3.94	3.17	2.97	3.04	3.24	2.92
Nevada	4.03	4.36	4.26	4.12	3.80	4.09	3.69	4.07
New Hampshire	3.60	3.33	3.00	4.07	6.06	5.91	5.66	4.49
New Jersey	3.32	3.75	3.61	3.44	3.83	3.70	3.91	3.42
New Mexico	*3.26	4.44	*3.47	*5.51	4.01	*5.76	*4.40	6.86
New York	5.44	5.25	6.28	5.73	5.57	5.73	5.94	4.93
North Carolina	3.47	3.55	3.80	3.62	3.87	4.14	4.22	3.34
North Dakota	3.43	3.53	3.49	3.44	3.28	3.23	3.37	3.25
Ohio	4.56	4.73	4.57	4.47	4.52	4.72	4.85	4.15
Oklahoma	1.92	2.51	2.12	2.07	2.12	2.10	2.19	2.02
Oregon	3.40	3.35	3.62	3.52	3.54	3.54	3.59	3.36
Pennsylvania	3.52	3.58	3.72	3.66	3.78	3.85	3.83	3.75
Rhode Island	4.46	4.46	4.99	5.78	6.08	6.08	6.27	4.66
South Carolina	3.03	3.19	3.53	3.29	3.25	3.46	3.52	3.13
South Dakota	3.65	3.79	4.24	3.84	3.46	3.57	3.33	3.63
Tennessee	3.59	3.79	3.78	3.49	3.58	3.54	3.84	3.44
Texas	2.24	2.16	2.81	2.47	2.23	2.06	2.31	2.12
Utah	3.00	2.93	2.91	2.92	3.27	3.24	3.31	3.91
Vermont	3.56	3.74	3.65	3.59	3.54	3.67	3.81	3.28
Virginia	2.93	3.77	4.30	4.26	4.61	4.57	4.61	3.72
Washington	3.14	3.15	3.45	3.19	2.89	2.92	2.99	2.91
West Virginia	1.88	2.75	3.24	2.73	2.68	3.90	3.04	2.89
Wisconsin	3.77	3.87	4.33	3.99	3.85	3.83	3.97	3.38
Wyoming	3.07	3.00	2.87	2.80	2.81	2.74	2.88	2.91
Total	*2.52	2.95	*3.01	*2.91	3.08	*2.88	*3.04	2.84

See footnotes at end of table.

Table 26. Average Price of Natural Gas Sold to Industrial Consumers by State, 1991-1993

(Dollars per Thousand Cubic Feet) — Continued

State	1992							
	December	November	October	September	August	July	June	May
Alabama	3.59	3.54	3.61	3.18	3.13	2.77	2.76	2.81
Alaska	1.19	1.17	1.17	1.17	1.16	1.17	1.16	1.16
Arizona	4.09	4.21	4.11	4.21	4.14	4.19	4.23	4.16
Arkansas	3.28	3.28	3.20	3.03	3.00	2.97	2.84	2.90
California	3.82	3.10	3.44	3.46	3.29	3.49	3.42	3.04
Colorado	2.32	2.29	2.34	1.63	2.30	1.88	2.18	2.31
Connecticut	5.05	4.85	4.64	4.09	4.26	4.32	4.51	4.71
Delaware	3.59	3.47	3.69	3.22	3.17	2.97	3.15	2.94
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.51	3.60	3.89	3.28	3.16	2.97	2.81	2.97
Georgia	4.43	4.28	4.38	2.91	3.35	3.20	3.19	3.01
Hawaii	—	—	—	—	—	—	—	—
Idaho ^a	—	—	—	—	—	—	—	—
Illinois	4.14	3.79	3.21	3.17	3.84	3.68	4.06	3.57
Indiana	4.17	3.51	3.01	3.36	2.84	3.05	3.00	2.96
Iowa	3.86	3.85	4.29	3.76	3.50	3.23	3.69	2.97
Kansas	3.07	2.86	2.87	2.70	2.58	2.40	2.39	2.31
Kentucky	4.14	3.92	3.11	3.05	3.08	2.75	2.76	2.79
Louisiana	2.54	2.70	2.69	2.19	1.99	1.85	1.84	1.73
Maine	4.97	4.50	3.88	3.55	3.49	3.36	3.65	3.43
Maryland	4.13	3.75	3.65	3.37	3.80	3.77	3.77	3.96
Massachusetts	5.65	5.05	3.35	3.06	3.01	3.38	2.81	3.40
Michigan	3.86	3.90	3.97	4.14	3.99	3.84	3.91	3.77
Minnesota	3.32	3.51	3.57	3.21	3.02	2.87	2.86	2.70
Mississippi	3.02	3.05	3.34	2.84	2.56	2.21	2.42	2.29
Missouri	4.56	4.57	3.49	3.89	3.55	3.63	3.57	3.61
Montana	4.67	4.81	4.80	4.66	4.35	4.21	4.11	4.00
Nebraska	3.36	3.41	3.62	3.00	2.96	2.65	2.60	2.45
Nevada	3.84	4.11	3.99	4.25	3.40	4.32	4.08	4.15
New Hampshire	5.58	5.31	4.20	3.62	3.47	3.65	3.67	4.69
New Jersey	4.38	3.45	3.29	3.05	2.85	2.97	2.96	2.98
New Mexico	8.02	7.00	6.66	5.85	6.06	6.71	6.33	5.83
New York	5.51	5.41	4.75	4.54	5.04	4.66	4.47	4.12
North Carolina	4.11	4.02	3.55	3.38	3.16	3.00	3.06	2.86
North Dakota	3.47	3.74	3.71	3.43	3.27	3.19	3.13	2.90
Ohio	4.68	4.62	4.13	4.30	4.13	4.44	3.82	3.86
Oklahoma	2.10	2.17	2.29	2.03	1.96	2.00	1.85	1.81
Oregon	3.56	3.46	3.42	3.31	3.30	3.30	3.32	3.29
Pennsylvania	3.83	3.54	3.51	3.54	3.60	3.80	4.16	4.01
Rhode Island	5.85	5.48	3.91	3.73	2.75	4.74	3.84	3.88
South Carolina	3.88	3.62	3.60	3.18	3.06	2.80	2.84	2.68
South Dakota	3.41	3.62	4.59	4.03	4.09	3.79	3.79	3.45
Tennessee	4.18	4.05	3.92	3.74	3.37	3.08	3.30	3.14
Texas	2.59	2.56	2.92	2.28	2.23	1.91	1.90	1.84
Utah	3.60	3.66	3.37	3.55	3.58	3.65	3.74	3.73
Vermont	3.81	3.75	3.56	3.56	3.57	3.32	3.22	3.09
Virginia	4.60	3.60	4.58	3.57	3.88	3.79	2.70	2.85
Washington	2.69	3.13	3.37	2.96	2.71	2.72	2.82	2.85
West Virginia	3.12	2.87	2.98	2.96	3.18	3.00	2.71	2.79
Wisconsin	3.68	3.87	4.04	3.47	3.24	3.10	3.07	2.99
Wyoming	2.89	2.92	3.04	3.09	3.03	3.04	2.90	2.80
Total	3.38	3.26	3.21	2.82	2.71	2.54	2.53	2.44

^a = Revised Data.

— = Not Applicable.

Notes: Data for 1991 and 1992 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 28 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857.

**Table 27. Average Price of Natural Gas Delivered to Electric Utility
Consumers by State, 1991-1993**
(Dollars per Thousand Cubic Feet)

State	YTD 1993	YTD 1992	YTD 1991	1993				
				November	October	September	August	July
Alabama	2.55	2.23	1.87	2.64	2.48	2.87	2.61	2.42
Alaska	0.63	0.57	0.53	0.63	0.64	0.63	0.64	0.63
Arizona	2.88	2.27	2.04	2.64	2.22	3.18	2.87	2.89
Arkansas	2.28	1.57	1.44	2.49	2.22	2.47	2.36	2.23
California	3.05	2.77	2.91	2.88	2.65	3.01	3.15	3.12
Colorado	2.48	2.06	2.12	2.45	2.48	2.48	3.83	2.19
Connecticut	3.86	2.69	2.15	7.04	7.40	5.60	3.17	2.53
Delaware	3.07	2.94	2.44	2.85	2.49	3.07	3.31	2.82
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.38	2.30	2.15	2.12	2.35	2.31	2.32	2.39
Georgia	3.30	2.88	2.83	3.72	3.64	3.72	3.18	3.22
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.49	2.21	2.13	2.42	2.35	2.60	2.39	2.43
Indiana	2.75	2.44	2.31	2.66	2.53	2.78	2.78	2.88
Iowa	3.02	3.05	2.58	3.42	3.21	3.41	2.85	2.64
Kansas	2.26	1.92	1.64	2.09	2.09	2.28	2.25	2.27
Kentucky	3.06	2.74	2.64	3.05	2.76	3.12	2.92	2.82
Louisiana	2.47	1.88	1.58	2.52	2.36	2.71	2.51	2.34
Maine	—	—	—	—	—	—	—	—
Maryland	2.94	2.64	2.34	3.19	2.79	3.23	2.85	2.70
Massachusetts	2.71	2.67	2.27	2.68	2.58	2.79	2.57	2.57
Michigan	0.86	0.82	0.73	0.72	0.37	1.03	1.50	1.36
Minnesota	2.46	1.86	1.69	2.41	2.38	2.58	2.30	2.27
Mississippi	2.44	1.88	1.62	2.42	2.28	2.68	2.53	2.42
Missouri	2.34	1.91	1.50	2.35	2.05	2.51	2.34	2.34
Montana	4.14	3.96	5.28	1.02	4.76	5.07	5.04	4.91
Nebraska	2.64	2.21	1.81	2.86	2.58	2.87	3.01	2.35
Nevada	2.41	1.90	1.76	2.54	2.26	2.44	2.48	2.17
New Hampshire	2.21	2.15	—	—	—	—	—	2.11
New Jersey	2.37	2.18	1.99	2.42	2.38	2.64	2.34	2.20
New Mexico	2.21	1.97	1.69	2.22	2.02	2.32	2.24	2.08
New York	2.72	2.43	2.24	2.75	2.60	2.83	2.58	2.46
North Carolina	3.55	2.89	2.75	3.91	3.43	3.66	3.38	3.26
North Dakota	2.14	1.35	2.53	4.47	4.60	4.69	—	4.62
Ohio	3.22	2.28	2.22	4.16	3.73	3.84	3.92	3.67
Oklahoma	3.22	3.20	2.95	3.05	3.14	3.33	3.00	2.94
Oregon	2.18	1.94	1.51	2.31	2.06	2.16	2.09	—
Pennsylvania	2.63	3.06	3.19	2.92	2.69	2.94	2.67	2.54
Rhode Island	2.65	2.24	2.02	2.10	—	2.76	2.95	2.64
South Carolina	2.95	1.84	1.53	3.23	3.17	3.26	2.84	2.82
South Dakota	1.68	2.61	1.67	—	—	—	2.39	—
Tennessee	—	—	0.95	—	—	—	—	—
Texas	2.46	2.22	2.01	2.51	2.39	2.58	2.51	2.32
Utah	2.27	1.84	1.75	2.58	2.49	2.80	2.51	2.60
Vermont	2.02	2.00	1.64	2.17	2.01	—	—	1.96
Virginia	2.87	2.44	1.84	2.68	2.85	2.95	2.63	2.79
Washington	4.27	3.57	4.02	3.61	3.87	4.00	3.80	3.44
West Virginia	4.10	3.29	4.22	5.24	3.99	4.06	5.73	4.27
Wisconsin	2.62	2.37	2.69	3.40	2.50	2.81	2.24	2.46
Wyoming	3.42	3.33	3.50	3.77	3.77	3.71	3.68	3.71
Total	2.60	2.34	2.15	2.59	2.45	2.69	2.60	2.46

See footnotes at end of table.

**Table 27. Average Price of Natural Gas Delivered to Electric Utility
Consumers by State, 1991-1993**
(Dollars per Thousand Cubic Feet) — Continued

State	1993						1992	
	June	May	April	March	February	January	Total	December
Alabama	2.50	3.18	2.69	2.42	2.29	2.59	2.28	2.88
Alaska	0.61	0.63	0.63	0.64	0.64	0.64	0.57	0.56
Arizona	3.14	3.21	2.64	2.70	3.12	3.81	2.28	3.99
Arkansas	2.14	1.71	1.61	1.50	1.38	1.64	1.57	1.35
California	3.01	3.56	3.20	3.09	3.02	3.29	2.81	3.24
Colorado	2.14	2.46	2.22	2.39	2.33	2.51	2.14	2.49
Connecticut	6.19	9.99	8.63	6.07	3.50	6.86	2.74	6.11
Delaware	3.05	3.90	5.31	2.78	4.38	3.65	2.70	5.40
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.37	2.67	2.59	2.41	2.23	2.27	2.30	2.32
Georgia	3.32	4.25	3.82	3.90	3.51	3.90	2.89	4.38
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.42	2.57	2.62	3.00	3.08	2.99	2.24	3.11
Indiana	2.81	3.04	2.57	2.42	2.94	2.87	2.48	2.81
Iowa	3.30	3.65	3.33	3.30	3.34	3.37	3.08	3.42
Kansas	2.18	2.56	2.53	2.29	2.42	2.40	1.94	2.42
Kentucky	3.06	3.87	3.22	2.76	2.74	2.99	2.77	3.12
Louisiana	2.34	2.98	2.55	2.31	2.10	2.35	1.91	2.35
Maine	—	—	—	—	—	—	—	—
Maryland	2.96	3.43	3.10	2.82	2.86	3.14	2.66	4.07
Massachusetts	2.47	3.01	2.88	2.92	3.25	3.51	2.68	3.70
Michigan	0.87	0.30	0.38	0.45	0.85	0.68	0.81	0.64
Minnesota	2.26	2.82	2.68	2.38	2.52	2.81	1.85	2.74
Mississippi	2.44	2.85	2.30	2.23	1.98	2.06	1.85	2.34
Missouri	2.26	2.79	2.56	2.71	2.42	2.62	1.89	2.75
Montana	3.87	3.34	8.88	10.41	2.78	7.62	3.30	2.44
Nebraska	2.26	2.87	2.45	2.46	2.61	2.88	2.28	2.84
Nevada	2.17	2.45	2.22	2.42	3.11	3.17	1.91	3.12
New Hampshire	2.21	2.21	2.22	—	—	—	2.20	—
New Jersey	2.44	2.70	2.72	2.51	2.35	2.66	2.18	3.09
New Mexico	1.96	2.61	2.36	2.21	2.00	2.35	1.99	2.40
New York	2.64	3.24	2.87	2.76	2.66	3.02	2.48	3.21
North Carolina	3.50	3.90	3.38	3.71	4.11	4.16	2.96	4.15
North Dakota	—	—	4.27	—	—	—	4.18	4.46
Ohio	3.32	3.54	3.72	2.34	2.64	2.79	2.31	2.59
Oklahoma	3.18	3.68	3.39	3.57	3.37	3.31	3.20	3.25
Oregon	—	—	—	2.09	1.99	2.96	1.97	2.44
Pennsylvania	2.56	3.21	3.14	2.58	2.41	2.47	3.06	3.51
Rhode Island	2.66	—	—	—	—	—	2.20	—
South Carolina	3.08	3.37	3.18	3.20	3.61	3.78	1.73	3.72
South Dakota	—	—	—	2.62	—	—	2.88	2.95
Tennessee	—	—	—	—	—	—	—	—
Texas	2.31	2.72	2.58	2.40	2.32	2.46	2.25	2.67
Utah	2.17	2.73	1.87	1.86	1.87	2.03	1.87	2.27
Vermont	1.93	2.28	2.28	3.33	3.60	3.30	2.00	3.14
Virginia	3.02	5.31	2.90	3.01	3.10	2.57	2.47	2.70
Washington	5.90	7.68	6.52	4.05	3.73	3.70	3.31	4.54
West Virginia	5.40	3.86	3.80	4.18	—	4.04	3.53	3.51
Wisconsin	2.62	3.02	2.66	2.33	2.68	3.22	2.42	3.41
Wyoming	3.39	3.47	3.41	3.20	3.21	3.25	3.33	3.29
Total	2.47	2.90	2.75	2.61	2.55	2.70	2.36	2.81

See footnotes at end of table.

**Table 27. Average Price of Natural Gas Delivered to Electric Utility
Consumers by State, 1991-1993**
(Dollars per Thousand Cubic Feet) — Continued

State	1992							
	November	October	September	August	July	June	May	April
Alabama	2.79	3.20	2.43	2.36	1.98	2.15	2.05	1.86
Alaska	0.56	0.56	0.57	0.54	0.55	0.57	0.55	0.56
Arizona	3.47	2.40	2.40	2.40	2.21	2.27	2.14	1.81
Arkansas	1.15	2.18	1.85	1.85	1.64	1.50	1.52	1.44
California	3.28	3.41	2.93	2.73	2.57	2.39	2.39	2.50
Colorado	2.45	2.50	1.94	1.80	1.98	1.84	1.98	2.02
Connecticut	7.15	6.29	6.31	2.82	2.58	2.62	2.57	2.25
Delaware	4.89	4.31	3.32	2.68	2.22	2.47	2.86	2.35
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.65	2.88	2.59	2.51	2.41	2.41	2.29	2.01
Georgia	4.05	4.32	2.30	2.75	2.83	2.61	2.99	2.78
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	3.05	2.93	2.39	2.43	2.37	2.29	2.07	2.03
Indiana	3.21	3.14	3.00	2.57	2.31	2.30	2.11	2.44
Iowa	3.37	3.77	3.51	3.32	2.80	3.01	2.93	2.76
Kansas	2.22	2.14	1.99	1.98	1.83	2.08	1.67	1.73
Kentucky	3.24	3.38	2.67	2.59	2.46	2.60	2.71	2.67
Louisiana	2.51	2.73	2.16	2.04	1.72	1.90	1.78	1.56
Maine	—	—	—	—	—	—	—	—
Maryland	3.79	3.78	2.82	2.73	2.33	2.45	2.15	2.38
Massachusetts	3.27	3.43	2.81	2.67	2.58	2.37	2.17	2.19
Michigan	0.67	0.56	1.28	0.51	0.63	0.81	1.34	0.93
Minnesota	2.52	3.35	1.89	1.81	1.76	1.64	1.54	1.62
Mississippi	2.46	2.66	2.22	2.17	1.87	1.97	1.72	1.65
Missouri	2.61	2.13	2.31	2.14	1.49	1.94	2.12	1.60
Montana	2.38	9.41	3.76	2.93	2.19	2.48	3.04	1.40
Nebraska	2.32	2.46	2.27	2.50	2.12	2.10	2.31	1.54
Nevada	2.44	2.55	1.87	2.25	1.86	1.95	1.59	1.43
New Hampshire	—	—	2.20	2.20	—	—	—	—
New Jersey	2.98	2.92	2.42	2.35	2.02	2.23	2.26	1.84
New Mexico	2.45	2.67	2.30	2.11	1.72	1.77	1.72	1.61
New York	3.12	3.22	2.55	2.39	2.06	2.30	2.28	2.19
North Carolina	4.10	3.22	3.15	2.83	2.78	2.83	2.52	2.53
North Dakota	—	—	4.05	4.30	4.03	—	—	—
Ohio	4.17	2.66	1.97	2.01	2.11	2.14	2.06	2.08
Oklahoma	3.76	4.11	3.29	3.19	2.92	3.08	2.72	2.74
Oregon	2.15	2.40	2.05	1.99	1.72	1.88	—	—
Pennsylvania	5.19	4.07	3.49	3.20	2.34	2.73	3.16	2.90
Rhode Island	—	—	2.84	2.45	2.45	2.27	2.13	2.04
South Carolina	3.33	3.30	2.74	2.46	1.91	1.71	2.56	3.15
South Dakota	2.92	4.04	—	2.61	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	2.69	2.90	2.34	2.30	1.99	2.06	2.03	1.99
Utah	1.80	1.99	1.98	1.92	1.76	1.74	1.67	1.82
Vermont	3.02	2.18	2.24	2.16	2.09	1.94	1.77	1.74
Virginia	0.48	5.05	2.20	3.10	2.18	2.67	2.59	2.32
Washington	4.57	5.97	3.32	2.94	2.95	3.31	3.57	7.71
West Virginia	3.27	3.34	4.27	3.40	5.36	3.26	1.21	—
Wisconsin	3.33	3.47	2.80	2.30	2.21	2.06	2.01	1.94
Wyoming	3.22	3.21	3.19	3.22	3.22	3.31	3.37	3.36
Total	2.87	3.04	2.51	2.42	2.13	2.18	2.11	2.07

* Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

— = Not Applicable.

Notes: Data for 1992 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form FERC-423 and Form EIA-176.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales by State, 1991-1993

(Dollar per Thousand Cubic Feet)

State	1993							
	Total		December		November		October	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	62.2	17.3	74.9	19.1	69.6	18.9	65.7	18.8
Alaska	100.0	70.6	100.0	70.1	100.0	71.2	100.0	54.8
Arizona	89.0	25.0	92.0	26.8	90.3	24.0	91.8	23.0
Arkansas	91.0	14.4	98.7	16.9	92.6	16.3	87.7	15.0
California	75.3	26.9	77.5	33.1	74.5	31.2	72.5	40.3
Colorado	89.3	28.7	95.7	33.3	93.7	24.1	90.0	25.1
Connecticut	95.8	75.0	82.9	96.8	100.0	^a 81.4	100.0	79.7
Delaware	98.0	75.0	86.1	79.7	100.0	74.6	100.0	76.5
District of Columbia	97.9	—	97.1	—	95.9	—	92.5	—
Florida	79.3	22.4	95.7	16.4	96.1	15.1	97.2	16.2
Georgia	82.6	25.0	92.5	31.5	90.5	27.5	85.0	22.6
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	86.9	—	87.9	—	81.6	—	77.8	—
Illinois	53.1	12.1	56.1	13.7	53.8	11.9	50.3	9.2
Indiana	87.6	18.6	95.9	18.7	91.9	18.8	90.3	13.7
Iowa	91.5	13.7	93.2	12.3	95.1	20.6	92.3	17.1
Kansas	74.4	12.8	78.8	9.4	74.2	11.5	71.6	11.8
Kentucky	86.8	21.4	95.0	25.0	94.5	23.1	91.9	22.6
Louisiana	91.2	35.8	97.3	31.6	97.0	31.8	98.1	31.5
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	95.6	18.6	98.1	32.7	97.1	20.0	95.3	19.4
Massachusetts	99.8	48.4	99.8	40.3	99.7	^a 45.0	100.0	46.3
Michigan	63.3	6.5	71.8	9.5	66.8	7.5	61.6	4.7
Minnesota	89.1	41.6	99.4	53.9	96.7	37.2	95.3	42.1
Mississippi	80.6	27.7	90.2	25.2	89.2	27.6	88.7	27.1
Missouri	81.7	21.8	85.4	28.9	81.6	24.1	72.4	19.1
Montana	93.2	10.2	93.5	6.9	91.6	6.9	89.9	4.7
Nebraska	89.2	30.0	91.6	31.7	84.0	29.7	84.5	28.1
Nevada	92.8	3.0	93.5	3.2	91.0	4.9	89.8	4.0
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	91.8	56.9	93.9	56.7	92.6	56.1	90.3	60.7
New Mexico	58.3	5.0	62.0	8.9	^a 60.4	^a 8.0	^a 63.7	^a 4.8
New York	67.4	16.2	78.2	24.6	78.9	21.7	75.2	18.3
North Carolina	90.4	70.2	94.9	78.9	91.9	80.9	79.4	57.7
North Dakota	72.7	24.7	78.7	31.7	74.3	27.9	56.1	23.3
Ohio	81.5	8.9	86.0	8.5	84.3	11.1	82.5	7.9
Oklahoma	82.6	30.0	91.1	27.4	90.8	27.6	81.8	26.9
Oregon	97.9	27.6	98.2	35.7	96.5	33.5	94.1	31.4
Pennsylvania	73.8	21.2	74.9	21.9	73.2	22.5	73.3	18.2
Rhode Island	100.0	10.6	100.0	8.2	100.0	8.5	100.0	11.9
South Carolina	82.7	47.9	100.0	58.9	100.0	61.5	94.5	57.3
South Dakota	83.9	52.1	91.2	35.9	90.1	49.1	78.7	61.2
Tennessee	78.5	33.3	98.8	43.5	92.1	43.9	90.8	33.7
Texas	68.4	26.5	81.5	27.3	82.4	34.4	79.1	30.7
Utah	100.0	13.0	100.0	13.3	100.0	14.9	100.0	15.0
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	75.9	13.2	92.4	20.9	87.6	16.7	77.8	12.8
Washington	93.9	40.8	98.0	39.0	97.4	43.0	^a 94.9	37.8
West Virginia	40.3	7.9	54.6	9.9	49.6	9.0	41.5	9.0
Wisconsin	73.5	40.0	95.1	54.8	94.4	53.8	91.1	43.2
Wyoming	85.5	2.7	99.3	2.5	97.3	3.0	97.1	2.2
Total	82.0	27.7	78.6	25.7	^a82.2	^a29.1	^a79.0	^a27.6

See footnotes at end of table.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales by State, 1991-1993

(Dollar per Thousand Cubic Feet) — Continued

State	1993							
	September		August		July		June	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	69.2	18.2	68.8	17.7	70.9	20.1	71.9	18.2
Alaska	100.0	68.6	100.0	61.3	100.0	73.3	100.0	79.7
Arizona	89.9	22.8	89.2	24.7	87.9	24.8	90.3	18.7
Arkansas	85.6	14.1	84.6	14.5	85.8	13.1	84.1	14.3
California	69.2	35.4	68.9	31.6	75.1	33.7	70.0	31.4
Colorado	94.0	33.5	92.7	32.8	92.6	32.4	95.2	30.1
Connecticut	100.0	73.8	99.2	70.7	86.5	68.1	99.2	71.9
Delaware	100.0	79.2	100.0	78.0	100.0	75.3	100.0	69.3
District of Columbia	90.1	—	88.3	—	96.8	—	99.8	—
Florida	97.2	20.8	96.9	17.2	97.0	17.5	97.6	35.4
Georgia	84.6	21.0	83.9	25.2	84.3	30.3	81.6	23.1
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	79.3	—	81.4	—	82.9	—	82.5	—
Illinois	50.1	7.7	38.4	6.4	43.0	5.6	43.5	7.2
Indiana	92.4	13.1	90.5	15.6	89.9	13.0	91.4	14.2
Iowa	88.3	10.4	88.2	10.3	89.7	10.1	90.3	8.0
Kansas	80.2	16.6	85.5	19.9	82.1	16.9	78.8	14.4
Kentucky	87.8	24.4	85.2	16.3	89.2	17.8	93.0	24.3
Louisiana	98.7	30.2	98.7	31.6	98.8	31.0	98.8	31.8
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	93.3	11.9	93.3	10.5	94.9	10.7	96.1	47.9
Massachusetts	99.5	39.9	99.6	42.1	99.7	52.3	99.8	53.0
Michigan	49.3	3.8	52.9	2.7	48.9	2.7	50.0	3.0
Minnesota	96.7	43.2	87.5	30.2	88.3	32.8	93.4	48.4
Mississippi	85.8	29.4	88.6	30.1	88.4	29.4	91.6	31.1
Missouri	73.4	20.4	68.2	16.5	71.2	18.5	73.8	17.6
Montana	87.6	4.0	91.3	8.3	91.3	7.7	91.2	9.9
Nebraska	82.0	23.4	87.2	30.0	87.5	23.3	87.7	23.1
Nevada	89.8	4.1	86.9	4.2	89.9	3.3	90.8	3.8
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	85.0	55.3	80.3	53.2	87.5	53.0	86.8	53.5
New Mexico	37.0	^a 1.1	50.2	7.1	51.9	^a 5.3	^a 44.6	2.1
New York	74.0	15.9	73.3	14.1	70.3	13.5	67.5	16.0
North Carolina	99.4	70.3	89.6	54.0	90.0	53.0	90.1	54.8
North Dakota	53.5	17.2	54.0	14.9	58.1	16.6	62.6	15.7
Ohio	72.3	7.1	69.1	5.8	74.3	8.1	73.6	6.6
Oklahoma	82.3	25.7	80.9	31.9	79.2	31.1	82.0	28.3
Oregon	97.3	29.8	97.5	28.7	97.6	25.7	97.8	27.2
Pennsylvania	66.2	20.3	65.4	19.3	72.5	17.1	72.5	17.6
Rhode Island	100.0	12.1	100.0	9.1	100.0	9.6	100.0	12.1
South Carolina	100.0	58.8	93.5	59.3	94.0	60.4	100.0	61.4
South Dakota	75.8	52.1	72.9	46.4	75.0	55.2	73.3	38.4
Tennessee	89.7	34.7	89.4	32.0	89.9	32.0	89.6	31.9
Texas	78.7	17.9	83.2	31.5	80.9	29.7	78.3	27.5
Utah	100.0	15.7	100.0	13.9	100.0	12.3	100.0	13.7
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	84.5	15.1	75.2	10.3	83.9	10.8	86.3	14.3
Washington	90.7	35.5	90.5	33.3	90.6	34.6	89.8	38.8
West Virginia	28.3	9.3	25.9	7.5	25.7	11.5	28.4	8.3
Wisconsin	88.4	41.7	87.0	37.3	87.6	38.1	89.3	36.6
Wyoming	94.7	1.7	96.4	1.9	97.1	2.1	96.9	4.1
Total	71.7	^a23.4	71.3	24.7	78.3	26.7	^a77.9	24.4

See footnotes at end of table.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales by State, 1991-1993

(Dollar per Thousand Cubic Feet) — Continued

State	1993							
	May		April		March		February	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	75.3	17.1	80.3	19.8	82.4	20.0	81.8	22.1
Alaska	100.0	70.9	100.0	73.4	100.0	70.1	100.0	73.4
Arizona	90.9	26.8	89.7	24.0	92.2	28.0	93.1	25.7
Arkansas	87.5	14.3	91.8	16.0	92.7	16.1	93.0	16.6
California	75.6	34.1	79.6	35.9	76.5	36.1	81.3	44.7
Colorado	94.9	30.1	95.5	34.2	96.3	32.7	96.2	34.9
Connecticut	99.3	69.5	98.0	70.0	97.1	73.5	97.6	73.5
Delaware	100.0	75.0	100.0	72.5	100.0	73.7	100.0	75.5
District of Columbia	100.0	—	100.0	—	100.0	—	100.0	—
Florida	97.5	30.6	97.3	28.6	96.6	28.7	96.6	31.0
Georgia	85.3	23.4	90.1	26.5	94.1	35.2	92.3	37.3
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	87.5	—	88.0	—	91.1	—	90.0	—
Illinois	51.6	8.5	56.5	16.1	58.5	15.4	58.5	16.9
Indiana	100.0	25.0	99.4	26.0	99.6	27.4	93.7	26.9
Iowa	92.3	12.9	96.0	12.0	95.4	15.0	96.3	18.2
Kansas	84.4	12.3	83.5	12.6	85.2	10.6	82.1	8.8
Kentucky	91.9	28.5	93.1	37.7	95.0	29.0	95.1	21.4
Louisiana	98.9	34.6	98.5	35.3	97.9	31.8	97.8	34.7
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	94.6	7.7	96.2	9.1	96.5	22.1	97.4	15.0
Massachusetts	99.7	58.6	99.7	52.5	99.8	51.7	99.8	55.3
Michigan	62.2	5.3	66.6	8.6	71.3	10.3	71.1	10.9
Minnesota	99.3	50.1	99.2	45.9	96.5	48.5	96.9	48.8
Mississippi	95.6	33.4	96.7	32.3	92.7	22.9	84.5	34.6
Missouri	80.2	22.4	86.8	24.3	88.8	27.3	86.4	28.7
Montana	95.0	13.8	94.0	14.1	95.0	15.0	94.1	16.1
Nebraska	97.8	29.5	93.0	24.2	94.1	42.4	94.4	45.4
Nevada	92.6	3.4	91.1	3.7	94.3	7.6	96.0	6.9
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	88.8	54.6	91.5	55.5	93.9	58.6	94.2	60.5
New Mexico	^a 53.0	^a 13.7	^a 55.3	^a 1.2	66.2	1.6	62.6	^a 1.5
New York	72.5	14.8	78.8	22.0	83.2	25.6	82.4	28.4
North Carolina	100.0	94.3	100.0	95.7	100.0	92.9	100.0	94.0
North Dakota	73.3	19.0	76.9	26.2	77.4	29.5	73.9	31.5
Ohio	75.8	7.3	83.6	10.7	86.7	13.6	86.8	12.6
Oklahoma	88.3	27.3	90.2	31.1	91.1	27.2	91.4	37.5
Oregon	97.6	21.8	97.9	22.1	98.5	23.9	99.0	26.0
Pennsylvania	71.4	23.6	77.7	27.0	79.0	25.3	79.2	26.7
Rhode Island	100.0	10.4	100.0	10.7	100.0	11.7	100.0	11.8
South Carolina	100.0	55.9	100.0	58.3	100.0	67.0	100.0	70.0
South Dakota	76.4	43.7	81.2	55.1	84.4	54.4	83.9	61.4
Tennessee	97.3	38.8	95.8	45.9	95.9	46.5	96.3	44.9
Texas	77.6	29.9	83.2	28.0	83.8	30.2	85.2	29.1
Utah	100.0	12.2	100.0	12.5	100.0	12.0	100.0	12.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.1	21.7	86.3	16.2	88.7	13.2	90.9	15.3
Washington	90.9	42.1	93.7	45.2	93.9	44.4	93.3	46.0
West Virginia	40.6	8.4	53.3	7.7	54.9	8.1	54.9	6.7
Wisconsin	90.1	40.7	91.8	42.7	94.2	49.0	95.1	48.6
Wyoming	98.4	3.2	98.2	3.1	98.5	5.0	98.3	4.3
Total	^a 81.5	28.4	84.3	29.3	85.8	30.1	85.8	31.2

See footnotes at end of table.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales by State, 1991-1993

(Dollar per Thousand Cubic Feet) — Continued

State	1993		1992					
	January		Total		December		November	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	80.4	20.4	80.7	29.9	80.6	31.1	74.2	30.4
Alaska	100.0	76.0	100.0	69.8	100.0	73.9	100.0	72.3
Arizona	93.1	29.3	92.6	29.6	92.9	31.6	89.1	28.8
Arkansas	92.5	16.7	90.7	13.8	90.8	20.1	88.7	15.3
California	78.8	31.7	74.5	27.5	81.4	30.0	76.7	27.7
Colorado	96.3	35.4	95.5	32.2	96.2	37.0	93.7	32.4
Connecticut	97.1	71.6	96.5	65.6	98.4	75.3	98.2	78.9
Delaware	100.0	71.9	100.0	65.0	100.0	74.0	100.0	72.3
District of Columbia	100.0	—	99.0	—	100.0	—	100.0	—
Florida	96.5	32.6	97.7	32.9	97.0	35.1	97.4	31.8
Georgia	90.8	32.0	88.1	35.0	92.9	40.3	87.9	29.4
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	89.5	—	85.7	0.3	88.3	—	82.2	—
Illinois	61.2	21.2	57.7	15.0	59.9	20.7	60.5	22.1
Indiana	94.3	23.9	96.8	23.2	98.0	22.3	99.9	29.8
Iowa	96.3	16.3	95.7	17.6	96.7	23.9	96.1	26.7
Kansas	83.4	10.2	84.4	10.2	82.7	8.6	78.0	10.4
Kentucky	94.9	20.0	93.1	35.1	94.9	27.0	94.6	35.4
Louisiana	97.3	34.7	87.5	37.6	86.4	34.0	81.4	32.8
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	97.3	18.6	96.0	20.1	97.4	30.5	97.0	41.0
Massachusetts	99.8	56.2	99.8	45.4	99.8	33.9	99.7	36.6
Michigan	73.2	11.6	68.8	9.1	73.1	12.8	68.6	8.6
Minnesota	98.8	50.5	96.2	42.3	97.6	54.4	96.5	48.9
Mississippi	91.7	34.9	96.4	45.5	97.4	44.8	95.9	45.4
Missouri	87.9	29.4	85.5	24.5	87.2	27.0	81.0	21.7
Montana	95.5	16.5	95.4	17.5	94.6	13.2	92.8	14.1
Nebraska	93.7	45.0	88.2	41.2	90.9	44.6	87.1	45.8
Nevada	97.1	6.1	88.3	7.5	95.4	14.1	88.5	6.4
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	93.8	63.4	92.4	55.7	96.9	59.5	94.8	63.9
New Mexico	^a 63.8	^a 3.8	70.0	4.3	61.1	9.8	57.0	8.2
New York	82.3	25.4	77.7	23.3	81.5	27.7	82.6	24.2
North Carolina	100.0	97.1	95.9	81.0	100.0	98.9	100.0	97.5
North Dakota	77.1	34.3	68.9	21.6	68.9	31.0	67.3	25.7
Ohio	89.3	11.2	85.6	11.6	88.5	14.5	85.7	12.8
Oklahoma	91.2	41.3	88.5	23.7	88.1	41.5	86.9	31.8
Oregon	98.6	25.4	97.8	20.7	98.4	24.4	97.4	22.7
Pennsylvania	80.0	29.3	75.8	22.9	79.4	34.3	74.1	30.4
Rhode Island	100.0	10.8	100.0	11.4	100.0	11.0	100.0	12.5
South Carolina	100.0	72.2	98.6	66.9	100.0	74.7	100.0	69.8
South Dakota	86.5	68.3	82.4	52.6	84.7	68.6	81.8	64.4
Tennessee	96.0	39.2	96.4	49.6	97.4	48.8	97.5	48.8
Texas	83.9	30.0	79.7	31.3	78.6	32.0	75.3	28.0
Utah	100.0	9.9	100.0	11.7	100.0	13.4	100.0	10.2
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.1	14.5	90.7	25.6	90.3	30.4	86.6	30.2
Washington	93.8	48.0	87.3	37.4	92.3	44.8	86.8	36.6
West Virginia	54.3	8.8	56.9	16.2	58.9	24.2	56.8	16.7
Wisconsin	94.1	46.6	91.3	41.5	95.1	49.0	93.4	46.2
Wyoming	98.6	4.8	98.0	3.6	98.3	4.5	98.2	4.0
Total	^a 86.1	30.8	83.2	30.3	85.6	32.5	83.1	30.8

See footnotes at end of table.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales by State, 1991-1993

(Dollar per Thousand Cubic Feet) — Continued

State	1992							
	October		September		August		July	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	73.2	28.7	74.4	26.5	74.7	28.9	75.3	29.9
Alaska	100.0	71.2	100.0	81.3	100.0	60.1	100.0	66.7
Arizona	91.2	30.1	90.5	27.2	86.0	26.0	86.3	26.8
Arkansas	87.6	14.4	86.4	12.2	85.4	12.2	85.9	12.4
California	79.0	21.6	79.7	33.3	64.6	29.8	60.9	31.1
Colorado	91.2	37.3	93.6	40.5	93.3	34.6	94.2	40.0
Connecticut	97.8	69.7	98.7	63.9	98.8	61.8	95.8	54.2
Delaware	100.0	68.8	100.0	61.9	100.0	62.3	100.0	59.0
District of Columbia	100.0	—	99.0	—	99.5	—	91.4	—
Florida	98.2	28.9	98.3	32.3	98.1	31.6	98.1	34.5
Georgia	84.6	30.0	83.4	40.6	83.3	35.6	79.7	31.4
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	77.9	—	80.2	—	82.4	—	81.0	—
Illinois	55.5	19.5	47.0	12.8	49.2	7.9	44.4	7.4
Indiana	99.8	28.3	91.9	20.9	99.6	25.6	92.8	17.8
Iowa	91.0	19.2	88.7	13.3	90.6	13.1	91.3	11.8
Kansas	81.1	9.8	86.9	10.7	88.9	13.6	88.4	12.2
Kentucky	93.0	57.3	87.9	51.3	87.4	42.9	86.7	45.2
Louisiana	90.6	33.5	91.1	36.4	90.2	30.2	90.6	30.6
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	95.0	18.6	94.1	8.4	92.7	9.1	93.1	7.4
Massachusetts	99.6	45.6	99.6	44.7	99.6	44.9	99.7	47.7
Michigan	61.1	5.7	49.9	4.2	51.8	4.0	48.5	4.6
Minnesota	99.4	45.0	93.0	39.9	89.8	36.3	93.1	32.7
Mississippi	95.6	43.3	95.6	43.1	94.8	45.6	95.5	45.1
Missouri	76.1	28.8	74.5	18.5	75.8	21.5	71.9	18.2
Montana	92.0	11.1	90.6	9.3	96.8	14.8	95.4	15.1
Nebraska	84.5	40.0	80.5	33.4	83.6	36.9	85.6	32.1
Nevada	88.9	6.5	82.7	6.3	81.4	6.7	84.8	4.7
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	86.4	57.9	80.7	55.9	80.7	55.7	88.6	52.8
New Mexico	57.9	3.2	60.8	9.1	64.4	2.1	62.4	1.9
New York	76.0	21.1	69.3	16.1	69.3	13.7	72.9	17.3
North Carolina	99.9	96.7	89.2	75.1	86.2	61.1	84.3	46.9
North Dakota	56.8	18.0	57.2	14.2	58.8	13.0	61.6	12.6
Ohio	84.2	12.2	73.1	7.4	73.5	9.2	72.0	7.3
Oklahoma	85.3	28.3	84.3	25.4	85.7	21.8	80.2	16.2
Oregon	94.6	18.7	97.8	17.8	96.7	17.6	97.9	17.5
Pennsylvania	74.0	29.4	69.4	20.5	67.2	17.9	68.1	14.1
Rhode Island	100.0	12.1	100.0	13.3	100.0	9.1	100.0	12.1
South Carolina	99.7	66.6	97.0	63.2	95.8	65.4	95.5	61.9
South Dakota	76.5	59.2	78.0	54.7	74.6	50.3	72.3	32.7
Tennessee	97.3	48.5	91.6	38.9	90.4	43.1	97.3	43.8
Texas	72.4	33.3	71.9	29.4	75.9	32.8	77.0	31.4
Utah	100.0	11.7	100.0	11.9	100.0	11.6	100.0	11.1
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.9	26.0	83.8	30.9	85.9	21.5	86.9	14.0
Washington	83.4	37.1	81.6	39.3	80.3	34.6	78.5	36.1
West Virginia	48.1	13.6	33.4	13.8	33.6	14.4	35.8	10.3
Wisconsin	90.7	38.4	85.2	34.8	84.1	33.2	83.3	32.0
Wyoming	97.2	2.7	97.4	2.3	97.1	2.4	96.5	2.3
Total	80.9	31.4	78.0	29.3	76.1	28.6	76.0	27.4

See footnotes at end of table.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales by State, 1991-1993

(Dollar per Thousand Cubic Feet) — Continued

State	1992							
	June		May		April		March	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	77.6	28.3	79.0	28.4	83.2	29.4	84.0	35.6
Alaska	100.0	69.9	100.0	67.7	100.0	68.8	100.0	69.1
Arizona	88.9	26.3	89.9	26.3	92.7	31.4	96.3	33.0
Arkansas	87.0	13.1	88.4	12.6	92.7	14.4	91.3	10.3
California	74.5	26.2	63.5	24.3	79.0	36.1	75.7	24.0
Colorado	96.0	27.9	95.1	28.5	95.7	25.8	95.9	27.6
Connecticut	87.2	52.1	93.6	54.1	94.4	59.2	95.6	62.7
Delaware	100.0	59.9	100.0	63.4	100.0	61.0	100.0	62.1
District of Columbia	100.0	—	97.6	—	97.4	—	100.0	—
Florida	98.2	38.1	98.3	38.5	98.2	27.8	97.4	29.0
Georgia	82.7	30.1	85.0	40.2	88.2	46.0	89.3	32.6
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	80.2	—	83.1	—	85.2	—	87.1	—
Illinois	43.4	5.6	53.0	9.1	57.5	11.9	59.5	14.6
Indiana	99.9	22.8	99.7	24.7	99.1	22.4	98.6	20.2
Iowa	93.2	12.8	94.3	14.2	96.2	15.0	96.5	15.5
Kansas	86.8	9.8	88.8	13.5	86.8	10.5	83.9	7.4
Kentucky	86.9	47.3	87.9	33.7	91.9	22.2	93.6	17.6
Louisiana	90.1	28.7	90.5	46.3	90.6	42.4	88.7	43.1
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	92.8	7.0	94.1	5.8	95.6	15.1	96.3	23.5
Massachusetts	99.8	44.2	99.7	48.9	99.8	53.1	99.8	42.4
Michigan	55.5	4.7	66.6	7.2	70.5	10.6	71.4	12.0
Minnesota	88.3	37.1	92.2	35.6	95.5	39.8	96.0	42.4
Mississippi	95.4	43.4	95.2	44.6	96.6	45.5	96.4	47.2
Missouri	80.6	18.6	82.7	17.5	88.1	28.4	89.1	26.2
Montana	94.9	16.3	96.6	17.3	96.5	23.4	96.7	27.3
Nebraska	81.7	33.0	88.7	43.1	90.9	40.3	89.9	48.5
Nevada	84.0	7.5	83.7	6.2	87.2	6.9	88.3	6.6
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	91.3	53.6	94.1	51.8	87.7	48.4	92.1	53.9
New Mexico	66.5	2.4	64.0	7.6	73.0	0.7	75.3	1.6
New York	70.9	15.6	72.4	19.8	77.3	24.6	79.5	27.4
North Carolina	85.8	61.1	88.3	61.8	93.1	73.3	99.2	95.1
North Dakota	63.8	14.7	73.6	21.0	71.6	24.9	72.0	21.3
Ohio	73.9	8.4	78.9	8.4	85.7	12.0	88.4	13.2
Oklahoma	84.1	17.0	85.4	16.8	90.9	16.4	87.7	18.6
Oregon	97.8	20.4	97.7	24.4	97.7	24.5	97.4	23.4
Pennsylvania	73.1	12.3	71.8	14.7	75.1	20.4	76.6	21.5
Rhode Island	100.0	9.8	100.0	15.1	100.0	13.3	100.0	11.1
South Carolina	95.8	64.6	98.5	69.2	98.6	61.6	98.9	62.0
South Dakota	73.5	39.2	80.7	40.9	83.1	44.4	85.6	46.5
Tennessee	95.8	47.9	93.7	50.6	97.2	50.7	98.8	56.0
Texas	77.8	35.0	79.5	31.0	83.6	32.4	83.4	28.3
Utah	100.0	10.7	100.0	11.3	100.0	11.8	100.0	10.8
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	88.4	30.3	88.9	25.0	91.7	26.4	93.7	23.5
Washington	80.7	38.1	83.5	34.8	85.5	35.0	88.7	37.5
West Virginia	39.3	12.6	54.5	14.9	63.0	17.4	59.9	18.1
Wisconsin	82.3	31.9	85.8	36.9	90.0	42.3	91.8	44.5
Wyoming	97.2	2.5	97.9	3.2	98.4	4.3	97.8	4.8
Total	79.4	28.0	79.3	29.8	84.0	31.3	84.7	29.9

See footnotes at end of table.

Figure 6. Percentage of Total Deliveries Represented by Onsystem Sales, 1989-1993

Source: Form EIA-857.

Table 29. Gas Home Customer-Weighted Heating Degree-Days

Census Divisions	January 1 through January 31					Cumulative July 1 through January 31				
	Normal ^a	1993	1994	Percent Change		Normal ^a	1993	1994	Percent Change	
				Normal to 1994	1993 to 1994				Normal to 1994	1993 to 1994
New England CT, ME, MA, NH, RI, VT	1,222	1,093	1,409	15.3	28.9	3,549	3,568	3,783	6.6	6.0
Middle Atlantic NJ, NY, PA	1,168	978	1,341	14.8	37.1	3,295	3,204	3,485	5.8	8.8
East North Central IL, IN, MI, OH, WI	1,314	1,126	1,478	12.5	31.3	3,712	3,623	3,985	7.4	10.0
West North Central IA, KS, MN, MO, ND, NE, SD	1,384	1,338	1,506	8.8	12.6	3,944	4,065	4,226	7.2	4.0
South Atlantic DE, FL, GA, MD and DC, NC, SC, VA, WV	809	630	888	9.8	41.0	2,159	2,013	2,291	6.1	13.8
East South Central AL, KY, MS, TN	843	650	919	9.0	41.4	2,219	2,036	2,399	8.1	17.8
West South Central AR, LA, OK, TX	631	555	585	-7.3	5.4	1,531	1,463	1,628	6.3	11.3
Mountain AZ, CO, ID, MT, NV, NM, UT, WY	1,052	1,042	910	-13.5	-12.7	3,362	3,462	3,312	-1.5	-4.3
Pacific ^b CA, OR, WA	526	542	454	-13.7	-16.2	1,592	1,467	1,362	-14.4	-7.2
U.S. Average ^b	995	882	1,061	6.6	20.3	2,812	2,743	2,926	4.1	6.7

^a Normal is based on calculations of data from 1961 through 1990.

^b Excludes Alaska and Hawaii.

Notes: Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day data bases maintained by the National Oceanic and Atmospheric Administration. The information published in the EIA *Natural Gas Monthly* is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland. The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the country. The temperature information recorded at these weather stations is used to calculate Statewide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.

Source: National Oceanic and Atmospheric Administration.

Appendix A

Explanatory Notes

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly*. These data are preliminary when initially published. Some of these monthly data are

estimates developed by EIA staff. Others are taken or estimated from submitted reports. The table below lists the methodologies for deriving the monthly data to be published initially for the components of supply and disposition.

Table A1. Methodology for Reporting Initial Monthly Natural Gas Supply and Disposition Data

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Estimated from Historical Data
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from Supply Estimates and Coal Gasification Information
Imports	Estimated from National Energy Board of Canada Information and Liquefied Natural Gas Information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from Industry Trends and Liquefied Natural Gas Information
Current-Month Consumption	Estimated from Historical Month-to-Month Percent Changes
Prior-Month Consumption	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline Fuel	Derived from Estimates for Lease and Plant Fuel and Deliveries to Consumers
Deliveries to Consumers	
Residential	Estimated from Reports to the Sample Survey Form EIA-857
Commercial	Estimated from Reports to the Sample Survey Form EIA-857
Industrial	Estimated from Reports to the Sample Survey Form EIA-857
Electric Utilities	Reported on Form EIA-759

Note 1. Nonhydrocarbon Gases Removed

Annual Data

Data on nonhydrocarbon gases removed from marketed production—carbon dioxide, helium, hydrogen sulfide, and nitrogen—are reported by State agencies on the voluntary Form EIA-627. For 1991, of the 33 producing States, 23 reported data on nonhydrocarbon gases removed. The 23 States accounted for 59 percent of total 1991 gross withdrawals. Of the 23 States reporting nonhydrocarbon gases removed, 12 reported zero values: Alaska, Arizona, Arkansas, Illinois, Indiana, Maryland, Missouri, Nevada, New York, Oregon, South Dakota, and Virginia. The nine States reporting volumes greater than zero are Alabama, California, Colorado, Florida, Mississippi, New Mexico, North Dakota, Texas, and Wyoming. Two States (Kentucky and Nebraska) reported quantities unknown but considered insignificant. In addition, Kansas, Louisiana, Montana, and Oklahoma, which together accounted for 36 percent of gross withdrawals, did not report nonhydrocarbon gases removed separately. However, their gross withdrawal data excluded all or most of the nonhydrocarbon gases removed on leases. No estimates are made for States not reporting nonhydrocarbon gases removed.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. Three States report monthly data on nonhydrocarbon gases removed: Alabama, Texas, and Mississippi. Monthly data for California, Colorado, Florida, New Mexico, North Dakota, and Wyoming are estimated based on annual data reported on Form EIA-627. Nonhydrocarbon gases as an annual percentage of gross withdrawals reported by each of the six States is applied to each State's monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

Final Monthly Data

Beginning with report year 1990, States filing the Form EIA-627, "Annual Quantity and Value of Natural Gas Report," were asked to supply monthly breakdowns of all data previously reported on an annual basis. The sums of the reported figures were used to calculate monthly volumes.

For States not supplying monthly data on the EIA-627, final monthly data are calculated by proportionally allocating the differences between total annual data reported on the Form EIA-627 and the sum of monthly data (January-December).

Note 2. Supplemental Gaseous Fuels

Annual Data

Annual data are published from Form EIA-176.

Preliminary Monthly Data

All monthly data are considered preliminary until after the publication of the *Natural Gas Annual* for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the revised monthly sum of these three elements to compute final monthly data.

Note 3. Production

Annual Data

Natural gas production data are collected from 33 gas-producing States on Form EIA-627 which includes gross withdrawals, vented and flared, repressuring, nonhydrocarbon gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production on the Gulf of Mexico and Outer Continental Shelf. No adjustments are made to the data.

Estimated Monthly Data

State marketed production data for a particular month are estimated if data are unavailable at the time of publication. The data are estimated based on final monthly data reported on the Form EIA-627 for the previous year.

Estimates for total U.S. marketed production are based on final monthly data reported on the Form EIA-627 for the previous year. State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the that item to gross withdrawals as reported on the EIA-627. These ratios are applied to the month's estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Estimates for gross withdrawal data are calculated from final monthly data filed on Form EIA-627 for the previous year.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. Preliminary monthly data are published from reports from the Interstate Oil and Gas Compact Commission (IOGCC) and the MMS. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated.

Final Monthly Data

Final monthly data for 1991 are the sums of monthly data reported on the annual Form EIA-627, "Annual Quantity and Value of Natural Gas Report." For prior years, the differences between each State's annual production data reported on the EIA-627 and the sum of its monthly IOGCC reports for the year were allocated proportionally to the monthly IOGCC data.

Note 4. Imports and Exports

Annual Data and Final Monthly Data

Annual and final monthly data are published from the annual Form FPC-14, which requires data to be reported by month for the calendar year.

Preliminary Monthly Data - Imports

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the article "U.S. Imports and Exports of Natural Gas" for the calendar year.

Preliminary Monthly Data - Exports

Preliminary monthly export data are based on historical data from the Form FPC-14, informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of "U.S. Imports and Exports of Natural Gas" for the calendar year in which the report month falls.

Note 5. Consumption

All Annual Data

All consumption data except electric utility data are from the Form EIA-857 and Form EIA-176. No adjustments are made to the data. Electric utility data are reported on Form EIA-759.

Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual*.

Total Consumption

Preliminary Monthly Data

The most current month estimate is calculated based on the arithmetic average change from the previous month for the previous 3 years. The following month this estimate is revised by summing the components (pipeline fuel, lease and plant fuel, and deliveries to consumers).

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly total consumption is obtained by summing its components.

Residential, Commercial, and Industrial Sector Consumption

Preliminary Monthly Data

Preliminary monthly residential, commercial, and industrial data are from Form EIA-857. See Appendix C, "Statistical Considerations," for a detailed explanation of sample selection and estimation procedures.

Average Price of Deliveries to Consumers

Price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers. These prices do not reflect average prices of natural gas transported to consumers for the account of third parties or "spot-market" prices.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

Electric Utility Sector Consumption

All Monthly Data

Monthly data published are from Form EIA-759.

Pipeline Fuel Consumption

Preliminary Monthly Data

Preliminary data are estimated based on the pipeline fuel consumption as an annual percentage of total consumption from the previous year's Form EIA-176. This percentage is applied to each month's total consumption figure to compute the monthly estimate.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each month's revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary Monthly Data

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each month's marketed production figure to compute estimated lease and plant fuel consumption.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly data are based on a revised annual ratio of lease and plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each month's revised marketed production figure to compute final monthly lease and plant fuel consumption estimates.

Note 6. Extraction Loss

Annual Data

Extraction loss data are calculated from filings of Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production." For a fuller discussion, see the *Natural Gas Annual*.

Preliminary Monthly Data

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

Note 7. Natural Gas Storage

Underground Natural Gas Storage

All monthly data concerning underground storage are published from the EIA-191. A new EIA-191 became effective in January 1991. Injection and withdrawal data from the EIA-191 survey are adjusted to correspond to data from Form EIA-176 following publication of the *Natural Gas Annual*.

Underground and Liquefied Natural Gas Storage

The final monthly and annual storage and withdrawal data for 1987 through 1991 shown in Table 2 include both underground and liquefied natural gas (LNG) storage. Underground storage data are obtained from the EIA-191 and EIA-176 surveys in the manner described earlier. Annual data on LNG additions and withdrawals are taken from Form EIA-176. Monthly data are estimated by computing the ratio of each month's underground storage additions and withdrawals to annual underground storage additions and withdrawals and applying it to annual LNG data.

Note 8. Average Wellhead Value

Annual Data

Form EIA-627 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States which were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed value of marketed production in each State is calculated by dividing the State's reported value by its associated production. This unit price is then applied to the quantity of the State's marketed production to derive the imputed value of marketed production.

Initial Monthly Data

An initial estimate is calculated based on the statistical relationship between U.S. monthly

wellhead gas prices and the monthly composite spot wellhead prices published in the *Natural Gas Week*. The estimate is prepared using the same methodology that generates monthly gas price estimates for EIA's Short-Term Energy Outlook. The initial estimate is the latest monthly estimate presented.

Preliminary Monthly Data

A preliminary estimate of the U.S. gas price is made each month based on the change in the production-weighted gas price from four States: Mississippi, New Mexico, Oklahoma, and Texas. Gas prices for these four States are used because both their gas production and value represent a substantial sample of the U.S. gas production and value (roughly 50 percent), and their prices are readily available and provide a consistent series. The latest preliminary U.S. gas price estimate is calculated by multiplying the preliminary U.S. gas price estimate for the prior month by the ratio of the four States' gas price for the latest month to that of the prior month. This estimate replaces the initial gas price estimate.

Final Monthly Data

Preliminary monthly gas price data for Mississippi, New Mexico, Oklahoma, and Texas are replaced by final monthly data that are adjusted to match the annual prices published in the *Natural Gas Annual* for each State. A revised set of the monthly U.S. gas price estimates are derived based on the monthly change in the production-weighted prices for these four States and adjusted to match the U.S. gas price published in the *Natural Gas Annual*.

Note 9. Financial Data of Major Interstate Pipeline Companies

The prices in Table 4 for imports and purchases from producers by major interstate pipeline companies, and all data in Tables 8 through 12 are derived from Form FERC-11. Form FERC-11 is filed monthly by the approximately 51 major interstate natural gas pipeline companies. A major pipeline company is defined as one "whose combined sales for resale, and gas transported interstate or stored for a fee exceeded 50 billion cubic feet in the previous calendar year."

Data reported by the major interstate pipeline companies on Form FERC-11 generally reflect the timing of data entry, revision, and/or reclassification of accounts in the companies' accounting records in accordance with the FERC regulations and regulatory filings. Certain data may also be estimated. Consequently, the data reported and shown in Tables 8 through 12 for any given month may include or reflect out-of-period dollar or volume adjustments, restatements or revisions, or account reclassifications. The dollar amounts reported as paid or received and

volumes reported as delivered or received may also include amounts paid, delivered, or received under contractual provisions such as prepayment, take-or-pay, minimum take, or minimum bill provisions. Unless otherwise footnoted, the individual data items, computed averages, and aggregated totals shown include the effect of any and all such adjustments, revisions, estimates, reclassifications, and/or contractual provisions. Average prices are not reported on the FERC-11. The averages shown are computed by dividing the total dollars reported for the particular item by the total volume reported for the same item.

Final Monthly Data

Final revisions for the prior year's data are made upon receipt of the current data which will indicate any revisions. Revisions are made on a month by month basis.

Note 10. Balancing Item

The "balancing item" category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents.

Annual Data

Annual data are from the *Natural Gas Annual*. For an explanation of the methodology involved in calculating annual "balancing item" data, see the *Natural Gas Annual*.

Preliminary Monthly Data

Preliminary monthly data in the "balancing item" category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total supply/disposition.

Appendix B

Data Sources

Data Sources

The data in this publication are taken from survey reports authorized by the U.S. Department of Energy (DOE), Energy Information Administration (EIA) and by the Federal Energy Regulatory Commission (FERC). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The EIA conducts and processes some of the surveys authorized by the FERC.

Data are collected from two annual surveys and five monthly surveys. Filings with the FERC also provide sources of data for this publication.

The annual reports are the Form EIA-176, a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines, and the Form EIA-627, a voluntary survey completed by energy or conservation agencies in the gas-producing States.

The monthly reports include three surveys of the natural gas industry and two surveys of the electric utility industry. The natural gas industry survey is the Form EIA-191 filed by companies that operate underground storage facilities, the Form FERC-11 filed by major interstate natural gas pipeline companies, and the Form EIA-857 filed by a sample of companies that deliver natural gas to consumers. The electric utility industry surveys are the Form EIA-759 filed by all generating electric utilities and the Form FERC-423 filed by fossil fueled plants. Responses to these five monthly surveys are mandatory.

A description of the survey respondents, reporting requirements, and processing and editing of the data is given on the following pages for each of the surveys. Also shown are copies of the EIA and FERC survey forms that are sources of data for this publication.

Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

Survey Design

The original version of Form EIA-176 was approved in 1980 with a mandatory response requirement. Prior to 1980, published data were based on voluntary responses to Bureau of Mines, U.S. Department of the Interior predecessor Forms BOM-6-1340-A and BOM-6-1341-A of the same title. Beginning with 1990 data, the responses are not considered proprietary.

In 1982, the scope of the revised EIA-176 survey was expanded to collect the number of electric utility consumers in each State, volumes of gas transported to industrial and electric utility consumers, detailed information on volumes transported across State borders by the respondent for others and for the responding company, and detailed information on other disposition. These changes were incorporated to provide more complete survey information with a minimal change in respondent burden.

In 1988, the Form EIA-176 was revised to include data collection for deliveries of natural gas to commercial consumers for the account of others. The revised form was approved for use during report years 1987 through 1989. Response to the form was mandatory.

A short version of Form EIA-176 was also approved in 1988. Companies engaged in purchase and delivery activities, but not in transportation and storage activities, may file the short form. Usually, these companies are municipals handling small volumes of gas.

In 1990, revisions to the Form were approved that permitted collection of data on deliveries of natural gas for use as a vehicle fuel and detailed underground storage information. Data filed on the EIA-176 are no longer held confidential.

Survey Universe and Response Statistics

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies, investor and municipally owned natural gas distributors, underground natural gas storage operators, synthetic natural gas plant operators, and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities) and/or that transport gas to, across, or from a State border through field or gathering facilities.

Each company and its parent company or subsidiaries were required to file if they met the survey specifications. The original mailing in 1992 for report year 1991 totaled 2,116 questionnaire packages. To this original mailing, 14 names were added and 34 were deleted as a result of the survey processing. Additions were the result of comparisons of the mailing list to other survey mailing lists. Deletions resulted from post office returns and determinations that companies were out of business, sold, or not within the scope of the survey. After all updates, the survey universe was 2,096 responses from approximately 1,800 companies.

Following the original mailing, second request mailing, and nonrespondents followup, 2,092 responses were entered into the data base, and there were four nonrespondents.

Summary of Form EIA-176 Data Reporting Requirements

The EIA-176 is a multiline schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by April 1 of the following year. Extensions of the filing deadline for up to 45 days are granted to any respondent on request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Routine Form EIA-176 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-176. The edits performed include validity, arithmetic, and analytical checks.

The incoming forms are reviewed prior to keying. This prescan determines if the respondent identification (ID) number and the company name and address are correct, if the data on the form appear complete and reasonable, and if the certifying information is complete.

Manual checks on the data are also made. Each form is prescanned to determine that data were reported on the correct lines. The flow of gas through interstate pipelines is checked at the company level to ensure that each delivery from a State is matched with a corresponding receipt in an adjoining State.

After the data are keyed, computer edit procedures are performed. Edit programs verify the report year, State code, and arithmetic totals. Further tests are made to ensure that all necessary data elements are present and that the data are reasonable and internally consistent. The computerized edit system produces error listings with messages for each failed edit test. When problems occur, respondents are contacted by telephone and required to file amended forms with corrected data.

Other EIA Publications Referencing Form EIA-176

Data from Form EIA-176 are also published in the *Natural Gas Annual*.

Figure B1. Form EIA-176

EIA-176 (Revised 1991)

U.S. DEPARTMENT OF ENERGY ENERGY INFORMATION ADMINISTRATION

Form Approved
OMB No. 19050175
Expires: 12/31/93

ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION, 19

This report is mandatory under the Federal Energy Administration Act of 1974 (Public Law 93-275). Failure to report may result in criminal fines, civil penalties, and other sanctions as provided by law. See Section VI of the instructions for confidentiality statement. Public reporting burden for this collection of information is estimated to average 19.8 hours per response, including the time of reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Energy Information Administration, Office of Statistical Standards, EI-73, Mail Station 2F-081 Forrestal, 1000 Independence Ave SW, Washington DC 20585, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington DC 20503.

EIA USE

Affix mailing label or enter mail address

Control (ID) No. _____

Name: _____

Operations in (State): _____

Street or Post Office Box: _____

City, State, Zip Code: _____

Attention: _____

EIA COPY. Tear out, complete, and return to:

Energy Information Administration
Mail Station: BG-094 FORSTL
U.S. Department of Energy
Washington, D.C. 20585
Attn: Form EIA-176

PART I: IDENTIFICATION

1.0 Control No.	2.0 Company Name:	3.0 Report State	EIA <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	4.0 Resubmittal Date: <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div>
5.0 Company status, name, and/or address change or correction. (Check appropriate box)				
a. ☐ Name and address on mailing label are correct. b. ☐ Change name, attention line, and/or mail address as indicated below. c. ☐ Company was sold to, or merged with, company entered below. d. ☐ Company went out of business. Customer accounts taken over by company entered below. e. ☐ Other changes, corrections, or comments: _____ _____				
5.1 Change mail address to:				
a. Company Name: _____ b. Operations in (State): _____ c. Street or Post Office Box: _____ d. City, State, Zip Code: _____ e. Attention: _____				
6.0 Contact person:				
Name: _____		Telephone Number: _____	Area Code _____	No. _____ Ext. _____

PART II: CERTIFICATION AND DISCLOSURE STATEMENT

1.0 I certify that (Check appropriate box):	
a. ☐ The information provided herein and appended hereto is true and accurate or, where indicated on the form, reasonable estimates to the best of my knowledge. b. ☐ My company does not meet any of the criteria set forth in Section II, "Who must submit," of the instructions and is therefore not required to complete and submit a Form EIA-176 for the report State.	
2.0 Name	3.0 Title
4.0 Signature	5.0 Date
<p>Title 18, USC 1001, makes it a crime for any person knowingly and willingly to make to any agency or department of the United States any false, fictitious or fraudulent statements as to any matter within its jurisdiction.</p>	

Page 1

EIA-176, ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION, 19

1.0 Control No.	2.0 Company Name	3.0 Report State	EIA 	4.0 Resubmittal ☐ Date
-----------------	------------------	------------------	--	--

PART III: TYPE OF COMPANY AND GAS ACTIVITIES OPERATED IN THE REPORT STATE

<p>1.0 Type of Company (check one)</p> <p>a ☐ Investor owned distributor</p> <p>b ☐ Municipally owned distributor</p> <p>c ☐ Interstate pipeline</p> <p>d ☐ Intrastate pipeline</p> <p>e ☐ Storage operator</p> <p>f ☐ SNG plant operator</p> <p>g ☐ Integrated oil and gas</p> <p>h ☐ Producer</p> <p>i ☐ Gatherer</p> <p>j ☐ Processor</p> <p>k ☐ Other (specify) _____</p>	<p>2.0 Gas Activities Operated On-system Within the Report State (check all that apply)</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"> <p>a ☐ Produced Natural Gas</p> <p>b ☐ Gathered</p> <p>c ☐ Processed</p> <p>d ☐ Purchased</p> <p>e ☐ Transported Interstate</p> <p>f ☐ Transported Intrastate</p> <p>g ☐ Stored Underground</p> <p>h ☐ Stored LNG</p> <p>i ☐ Injected Propane-air</p> <p>j ☐ Produced SNG</p> <p>k ☐ Imported</p> <p>l ☐ Exported</p> </td> <td style="width: 50%;"> <p>m ☐ Delivered for Resale</p> <p>n ☐ Delivered directly to consumers</p> <p>o ☐ Other (specify) _____</p> </td> </tr> </table>	<p>a ☐ Produced Natural Gas</p> <p>b ☐ Gathered</p> <p>c ☐ Processed</p> <p>d ☐ Purchased</p> <p>e ☐ Transported Interstate</p> <p>f ☐ Transported Intrastate</p> <p>g ☐ Stored Underground</p> <p>h ☐ Stored LNG</p> <p>i ☐ Injected Propane-air</p> <p>j ☐ Produced SNG</p> <p>k ☐ Imported</p> <p>l ☐ Exported</p>	<p>m ☐ Delivered for Resale</p> <p>n ☐ Delivered directly to consumers</p> <p>o ☐ Other (specify) _____</p>
<p>a ☐ Produced Natural Gas</p> <p>b ☐ Gathered</p> <p>c ☐ Processed</p> <p>d ☐ Purchased</p> <p>e ☐ Transported Interstate</p> <p>f ☐ Transported Intrastate</p> <p>g ☐ Stored Underground</p> <p>h ☐ Stored LNG</p> <p>i ☐ Injected Propane-air</p> <p>j ☐ Produced SNG</p> <p>k ☐ Imported</p> <p>l ☐ Exported</p>	<p>m ☐ Delivered for Resale</p> <p>n ☐ Delivered directly to consumers</p> <p>o ☐ Other (specify) _____</p>		

PART IV: SUPPLY OF NATURAL AND SUPPLEMENTAL GAS RECEIVED WITHIN OR TRANSPORTED INTO REPORT STATE

	Volume (Mcf at 14.73 psia)	e or f	Cost (Dollars)	e or f
1.0 Company-owned natural gas produced on-system				
2.0 On-system purchases received:				
2.1 From producers, gatherers, and/or gas processors				
2.2 From pipelines and/or distribution companies				
2.3 From synthetic natural gas plants or SNG pipeline				
2.4 At State line or U.S. border from:				
Company _____				
State or Country _____				
(Continue on Part VI, if more space is needed)				
3.0 Transportation and/or exchange receipts:				
3.1 Received within the report State				
3.2 Received at the State line or U.S. border from:				
Company _____				
State or Country _____				
(Continue on Part VI, if more space is needed)				
4.0 Transported into the report State from:				
State or Country _____				
(Continue on Part VI, if more space is needed)				
5.0 Withdrawn from storage facilities:				
5.1 Withdrawn from company-operated underground storage:				
5.1.1 Company-owned natural gas				
5.1.2 Natural gas owned by others				
5.2 Company-owned natural gas received directly from underground storage operators				
5.3 Received from underground storage operators for the account of others				
5.4 From liquefied natural gas storage				
6.0 Synthetic natural gas produced				
7.0 Other sources of supply (specify source and/or kind of fuel): _____				
(Continue on Part VI, if more space is needed)				
8.0 Total supply within report state				

EIA COPY Page 2

1.0 Control No	2.0 Company Name	3.0 Report State	EIA 	4.0 Resubmittal Date
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PART V: DISPOSITION OF NATURAL AND SUPPLEMENTAL GAS WITHIN OR TRANSPORTED OUT OF REPORT STATE

	Volume (Mcf at 14.73 psia)	e or f	Cost or Revenue (Dollars)	e or f
1.0 Used in well, lease, and field operations				
2.0 Returned to oil and/or gas reservoirs				
3.0 Used, removed, or lost in gas processing or treating plants				
3.1 Company-operated plants				
3.1.1 Volume delivered to company-operated plants for redelivery	Mcf			
3.1.2 Volume used for plant fuel				
3.1.3 Extraction loss estimated gas phase volume of liquids extracted				
3.1.4 Volume of nonhydrocarbons removed (e.g., H ₂ S & CO ₂)				
3.1.5 Vented, flared, and/or lost				
3.2 Plants operated by others				
3.2.1 Volume delivered to plants operated by others for redelivery	Mcf			
3.2.2 Total volume used, removed, vented, and/or flared				
4.0 Added to storage facilities				
4.1 Injected into company-operated underground storage				
4.1.1 Company-owned natural gas				
4.1.2 Natural gas owned by others				
4.2 Company-owned gas delivered directly to underground storage operators				
4.3 Delivered to underground storage operators for the account of others				
4.4 Added to liquefied natural gas storage				
5.0 Deliveries of company-owned natural gas				
5.1 Delivered to other pipelines within the report State				
5.2 Delivered to resellers (e.g., distribution companies)				
5.3 Delivered at the State line or U.S. border to: Company _____ State or Country _____ (Continue on Part VI if more space is needed)				
5.4 Delivered directly to consumers: Number of consumers				
5.4.1 Residential sales				
5.4.2 Commercial sales				
5.4.3 Industrial sales				
5.4.4 Electric utility sales				
5.4.5 Natural gas used as vehicle fuel				
6.0 Average heat content of gas delivered directly to consumers	Btu			
7.0 Natural gas <i>transported</i> for the account of others				
7.1 Delivered to other pipelines within the report State				
7.2 Delivered to resellers for the account of others				
7.3 Delivered at the State line or U.S. border to: Company _____ State or Country _____ (Continue on Part VI if more space is needed)				
7.4 Transported and delivered to consumers for the account of others: Number of consumers				
7.4.1 Residential consumers				
7.4.2 Commercial consumers				
7.4.3 Industrial consumers				
7.4.4 Electric utility consumers				
7.4.5 Natural gas used as vehicle fuel				
8.0 Deliveries or exchange gas				
8.1 Delivered at point(s) within the report State				
8.2 Delivered at the State line or U.S. Border to: Company _____ State or Country _____ (Continue on Part VI if more space is needed)				
9.0 Used in pipeline, storage, and/or distribution operations				
10.0 Other disposition (specify) _____ (Continue on Part VI if more space is needed)				
11.0 Total disposition accounted for				
12.0 Unaccounted for gas supply (+) or disposition (-)				

EIA-176, ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION, 19

1.0 Control No.	2.0 Company Name	3.0 Report State	EIA 	4.0 Resubmittal 	Date:
PART VI: CONTINUATION SHEET (To be used only if insufficient space was provided on Part IV and/or Part V)					Sheet of
Supply (Continued)		Volume (Mcf at 14.73 psia)	# or f	Cost or Revenue (Dollars)	# or f
PART IV, 2.4 On-system purchases received at State line or U.S. border from: (Continued)					
Company 					
State or Country 					
Company 					
State or Country 					
PART IV, 3.2 Transportation and or exchange receipts at State line or U.S. border from: (Continued)					
Company 					
State or Country 					
Company 					
State or Country 					
PART IV, 4.0 Transported into report State from: (Cont'd)					
State or Country 					
State or Country 					
State or Country 					
State or Country 					
PART IV, 7.0 Other sources of supply (specify source and/or kind of fuel): (Continued)					
 					
 					
 					
Disposition (Continued)					
PART V, 5.3 Company-owned natural gas deliveries at State line or U.S. border to: (Continued)					
Company 					
State or Country 					
Company 					
State or Country 					
PART V, 7.3 Transported for the account of others out of report State to: (Continued)					
State or Country 					
State or Country 					
State or Country 					
State or Country 					
PART V, 8.2 Deliveries of exchange gas at State line or U.S. border to: (Continued)					
Company 					
State or Country 					
Company 					
State or Country 					
PART V, 10.0 Other disposition (specify): (Continued)					
 					
 					
 					

EIA COPY Page 4

1	2
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5

Date:

PART VII: FOOTNOTES

[illegible]

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Figure B2. Form EIA-176, Short Form

EIA-176 (Revised 1991)

U.S. DEPARTMENT OF ENERGY ENERGY INFORMATION ADMINISTRATION

Form Approved
OMB No. 19050175
Expires: 12/31/93

ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION, 19 **SHORT FORM**

This report is mandatory under the Federal Energy Administration Act of 1974 (Public Law 93-275). Failure to report may result in criminal fines, civil penalties, and other sanctions as provided by law. See Section VI of the instructions for confidentiality statement. Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time of reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Energy Information Administration, Office of Statistical Standards EI-73, Mail Station 2F-081 Forrestal, 1000 Independence Ave SW, Washington DC 20585, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington DC 20503.

EIA USE

Affix mailing label or enter mail address

Control (ID) No. _____

Name: _____

Operations in (State): _____

Street or Post Office Box: _____

City, State, Zip Code: _____

Attention: _____

EIA COPY. Tear out, complete, and return to:

Energy Information Administration
Mail Station: BG-094 FORSTL
U.S. Department of Energy
Washington, D.C. 20585
Attn: Form EIA-176

PART I: IDENTIFICATION

1.0 Control No.	2.0 Company Name:	3.0 Report State	EIA <input type="text"/>	4.0 Resubmittal <input type="text"/> Date: _____
-----------------	-------------------	------------------	--------------------------	--

5.0 Company status, name, and/or address change or correction. (Check appropriate box.)

- a. ☐ Name and address on mailing label are correct.
- b. ☐ Change name, attention line, and/or mail address as indicated below.
- c. ☐ Company was sold to, or merged with, company entered below.
- d. ☐ Company went out of business. Customer accounts taken over by company entered below.
- e. ☐ Other changes, corrections, or comments: _____

5.1 Change mail address to:

- a. Company Name: _____
- b. Operations in (State): _____
- c. Street or Post Office Box: _____
- d. City, State, Zip Code: _____
- e. Attention: _____

6.0 Contact person:

Name: _____ Telephone Area Number: _____ Code _____ No. _____ Ext. _____

PART II: CERTIFICATION AND DISCLOSURE STATEMENT

1.0 I certify that (Check appropriate box):

- a. ☐ The information provided herein and appended hereto is true and accurate or, where indicated on the form, reasonable estimates to the best of my knowledge.
- b. ☐ My company does not meet any of the criteria set forth in Section II, "Who must submit," of the instructions and is therefore not required to complete and submit a Form EIA-176 for the report State.

2.0 Name	3.0 Title
4.0 Signature	5.0 Date

Title 18, USC 1001, makes it a crime for any person knowingly and willingly to make to any agency or department of the United States any false, fictitious or fraudulent statements as to any matter within its jurisdiction.

--	--

EIA	
-----	--

1.0 Type of Company (check one)

a.	☐	Investor owned distributor
b.	☐	Municipally owned distributor
c.	☐	Interstate pipeline
d.	☐	Intrastate pipeline
e.	☐	Storage operator
f.	☐	SNG plant operator
g.	☐	Integrated oil and gas
h.	☐	Producer
i.	☐	Gatherer
j.	☐	Processor
k.	☐	Other (specify) _____

a.		Produced Natural Gas
b.		Gathered
c.		Processed
d.		Purchased
e.		Transported Interstate
f.		Transported Intrastate
g.		Stored Underground
h.		Stored LNG
i.		Injected Propane-air
j.		Produced SNG
k.		Imported
l.		Exported

- m. ☐ Delivered for Resale
- n. ☐ Delivered directly to consumers
- o. ☐ Other (specify)

2.0 On-system purchases received:

- 2.1 From producers, gatherers, and/or gas processors
- 2.2 From pipeline, distribution, and/or storage operators
- 2.3 From synthetic natural gas plants or SNG pipeline
- 7.0 Other sources of supply (specify):
- (Source and/or kind of fuel)

8.0 Total supply within report State

[illegible]

- 5.4 Delivered directly to consumers:**

(Type of transaction
and consumer)

(Number of
consumers)

- 5.4.1 Residential sales
- 5.4.2 Commercial sales
- 5.4.3 Industrial sales
- 5.4.4 Electric utility sales

(Btu per cubic foot) Btu

10.0 Other disposition (specify)

(Continue on Part VI, if more space is needed)

11.0 Total disposition accounted for

12.0 Unaccounted for gas supply (+) or disposition (-)

[illegible]

EIA COPY

Page 2

U.S. DEPARTMENT OF ENERGY
Energy Information Administration

Form Approved
OMB No. 19050175
Expires: 12/31/93

ANNUAL QUANTITY AND VALUE OF NATURAL GAS REPORT

Figure B3. Form EIA-627

PART I: IDENTIFICATION DATA	
1. Name of State Reporting	2. Calendar Year Being Reported 19 <input type="text"/> <input type="text"/>
3. Name of Office/Agency	4. Office Address (Street, City, State, Zip Code)
5. Name of Contact Person	6. Phone Number
PART II: NATURAL GAS VOLUMES (REPORT ALL VOLUMES IN MILLIONS OF CUBIC FEET)	
Enter the pressure base at which all volumes are reported (psia at 60°F)	
Enter the total number of producing gas wells in operation as of December 31 for the reporting year.	

Public reporting burden for this collection of information is estimated to average 4.7 hours per response, including the time of reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Energy Information Administration, Office of Statistical Standards EI-73, Mail Station 2F-081 Forrestal, 1000 Independence Ave. SW, Washington, D.C. 20585, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

Month	Gross Withdrawals			Used for Repressuring Etc.	Vented and Flared	Nonhydrocarbon Gases Removed	Natural Gas Used as Fuel on Leases	Marketed Production
	Gas and Condensate Wells	Oil Wells (Casinghead)	Total					
January								
February								
March								
April								
May								
June								
July								
August								
September								
October								
November								
December								
TOTAL								

This report is collected under P.L. 93-275, Federal Energy Administration Act of 1974. Your voluntary cooperation and response are urgently needed to provide comprehensive, accurate and timely energy information. Because the data collected on EIA-627 are already aggregated by state, no confidentiality pledges are required.

EIA-627. ANNUAL QUANTITY AND VALUE OF NATURAL GAS REPORT

PART III: Value of Marketed Production (Wellhead Sales Prices)

Enter the available value of marketed production
REPORT IN THOUSANDS OF DOLLARS

\$

Enter the quantity of marketed production associated with the value entered
REPORT IN MILLIONS OF CUBIC FEET

NOTE: The value reported should represent wellhead sales prices including charges for natural gas plant liquids subsequently removed from the gas and for gathering and compression, in addition to state production, severance, and/or similar taxes.

Does your computation of wellhead value agree with the above conditions? Yes ____ No ____

Complete the table below only if your method of reporting is inconsistent with the above note. For each item in column (a) of the table, enter an "X" in column (b) or (c) to indicate whether the item is included or excluded from the amount reported.

Item (a)	Included (b)	Excluded (c)
Natural gas plant liquids		
Lease condensate		
Gathering and compression charges		
State production, severance, and/or similar taxes		

PART IV: COMMENTS

Enter any additional comments including identification and explanation of any data elements submitted based on definitions differing from those provided for the previous year. If more space is needed, please attach separate sheet(s).

Name of Contact Person

Phone Number

Complete and return to: Energy Information Administration, Mail Station BG-094 Forrestal,
U.S. Department of Energy, Washington, D.C. 20585, Attn: Form EIA-627

Page 2

INTERSTATE OIL AND GAS COMPACT COMMISSION

900 Northeast 23rd Street ■ P.O. Box 53127 ■ Oklahoma City, Oklahoma 73152-3127 ■ Phone: 405/525-3556 ■ Fax: 405/525-3592

Chairman:

Joan Finney
Governor of Kansas

Past Chairmen:

David Walters
Governor of Oklahoma
Mike Sullivan
Governor of Wyoming
Edwin W. Edwards
Governor of Louisiana
Bruce King
Governor of
New Mexico

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MONTANA NEBRASKA
NEVADA NEW MEXICO
NEW YORK NORTH
DAKOTA OHIO
OKLAHOMA
PENNSYLVANIA
SOUTH DAKOTA TEXAS
UTAH VIRGINIA
WEST VIRGINIA
WYOMING

ASSOCIATES:

GEORGIA IDAHO
NORTH CAROLINA
OREGON SOUTH
CAROLINA WASHINGTON

Monthly Report of Natural Gas Production for the State of _____

Month of _____

Please return two copies of this report as soon as the figures are available after the close of the month for which data are reported. Reports should be addressed to:

Interstate Oil and Gas Compact Commission
P.O. Box 53127
Oklahoma City, OK 73152-3127.

Name of Reporting Agency _____

Address _____

Correspondent & Title _____

Please adjust all volumes to the same pressure base:

Report pressure base used (_____ lbs. absolute at 60° F.)

(Millions of Cubic Feet)

1. Gross gas production* _____
 (a) Natural gas from gas and condensate wells _____
 (b) Natural gas from oil wells (casinghead) _____

 * Include amounts delivered as royalty payments or consumed in field operations. Please provide best estimate when gas is not metered.
2. Quantity of natural gas returned to formation for repressuring, pressure maintenance and cycling. _____
3. Quantity of natural gas vented to air or burned in flares on the lease or at gas processing plants. _____

Summary of Data Requirements

The IOGCC form consists of three questions on one page, and requires volumetric information on gross production, quantities of gas vented or flared, and gas used for repressuring.

Routine Edit Checks

State data are checked for reasonableness and, in the event of problems, the appropriate State agency is called.

EIA-191 Survey, "Underground Natural Gas Storage Report"

Survey Design

The Form EIA-191, "Underground Natural Gas Storage Report," was revised effective January 1994. Among the changes from the form used from 1991 through 1993 are a distinction between a monthly and annual survey. Prior to 1991, data on the storage of natural gas was collected on a survey jointly implemented in 1975 by the Federal Power Commission (FPC), the Federal Energy Administration (FEA), and the Bureau of Mines (BOM) as the FPC-8/ FEA-G-318 system. The data received on both the FPC-8 and FEA-G-318 were computerized and aggregated by FPC. The form was previously revised in 1991 to include storage data by State, field, and reservoir.

At the beginning of 1979, the EIA assumed responsibility for the collection, processing, and publication of the data gathered in the survey. Form FEA-G-318 was renewed on July 1, 1979, as Form EIA-191 and the survey was retitled the FPC-8/EIA-191 Survey (Figure D4 shows the EIA-191). Form FPC-8 was renewed in December 1985 and the survey retitled FERC-8/EIA-191 Survey. The forms were not merged because of FERC's stated desire to maintain the separate identity of the FERC-8 for administrative reasons. FERC jurisdictional firms will continue to file the FERC-8 in addition to the new EIA-191.

Survey Universe and Response Statistics

The 100 companies that operate underground facilities will file the new Form EIA-191. Of these companies, 42 are subject to the jurisdiction of FERC and are required to report data on Form FERC-8.

The response rate as of the filing deadline is approximately 20 percent. Data from the remaining 80 percent of respondents are received in writing and/or by telephone within 3 to 4 days after the filing deadline. All data supplied by telephone are subsequently filed in writing, generally within 15 days of the filing deadline. The final response rate is 100 percent.

Summary of EIA-191 Data Reporting Requirements

The EIA-191 monthly schedule contains current month and prior month's data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. Prior month's data are required only when data are revised. Information on co-owners of storage fields has been eliminated. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which field is connected. The annual schedule is filed with the January submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the first day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are reflected in prior month section of the monthly form. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

Routine Form EIA-191 Edit Checks

Data received on Form EIA-191 are entered into the survey processing system. The survey's five principal data elements (total, base, and working gas in storage, injections, and withdrawals) receive a preliminary visual edit to eliminate and correct obvious errors or omissions. Respondents are required to refile reports containing any inconsistencies or errors.

Other EIA Publications Referencing Form EIA-191

The EIA publication *Monthly Energy Review* and *Winter Fuels Report* contain data from the EIA-191 survey.

U.S. DEPARTMENT OF ENERGY
ENERGY INFORMATION ADMINISTRATION
 Washington, D.C. 20585

Form Approved
 OMB No. 19050175
 Expires: 12/31/96

Figure B5. Form EIA-191

MONTHLY UNDERGROUND GAS STORAGE REPORT

I. RESPONDENT IDENTIFICATION DATA					This report is mandatory under Public Law 93-275. For the provisions concerning the confidentiality of information and sanctions statement, see Sections V and VI of the instructions. Public reporting burden for this collection of information is estimated to average 3.6 hours per response, including the time of reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden, to the Energy Information Administration, Office of Statistical Standards, 1000 Independence Ave., SW, Washington, DC 20585; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.						
Company I.D. No.											
Name											
Street or Post Office Box			City, State, Zip Code								
II. GAS STORAGE DATA (All volumes in Mcf - 14.73 psia - 60°F)											
Storage Field Name				Location		State					
Reservoir Name(s)						County					
Operations Data		Base Gas		Working Gas		Total Gas in Storage		Injections		Withdrawals	
Total Gas											
Current Month		Month		Day				Month		Day	
☐ Estimated ☐ Actual ☐ Revised											
Operations Data		Base Gas		Working Gas		Total Gas in Storage		Injections		Withdrawals	
Total Gas											
Prior Month		Month		Day				Month		Day	
☐ Estimated ☐ Actual ☐ Revised											
Storage Field Name				Location		State					
Reservoir Name(s)						County					
Operations Data		Base Gas		Working Gas		Total Gas in Storage		Injections		Withdrawals	
Total Gas											
Current Month		Month		Day				Month		Day	
☐ Estimated ☐ Actual ☐ Revised											
Operations Data		Base Gas		Working Gas		Total Gas in Storage		Injections		Withdrawals	
Total Gas											
Prior Month		Month		Day				Month		Day	
☐ Estimated ☐ Actual ☐ Revised											
III. CERTIFICATION (I certify that the information submitted in this report is the most accurate available at this time to the best of my knowledge.)											
Person to Contact if Questions Arise concerning this Report						Telephone Number (Include Area Code and Extension)					
Name (Type or Print)				Title		Signature			Date		

Form FERC-11, "Natural Gas Pipeline Company Monthly Statement"

Survey Design

The collection of monthly data from major pipeline companies was begun in December 1964 by the Federal Power Commission (FPC). On October 1, 1977, FPC ceased to exist, and its functions and regulatory responsibilities were transferred to the Secretary of Energy and to the Federal Energy Regulatory Commission (FERC), an independent commission within the Department of Energy.

Information collected on Form FERC-11 (Figure B6) is used by FERC in carrying out its regulatory authority. Form FERC-11 is a monthly regulatory reporting form rather than one filed for statistical purposes. Data are not considered proprietary.

Survey Universe and Response Statistics

Form FERC-11 is filed by major interstate natural gas pipeline companies whose combined sales for resale and gas transported interstate or stored for a fee exceeded 50 billion cubic feet in the previous calendar year. Approximately 50 pipeline companies report data on Form FERC-11. Natural gas pipeline companies are monitored annually to determine whether each has met the requirements for classification as a major pipeline.

Information is collected monthly by mail. Historically, the response rate has been 100 percent.

Summary of Form FERC-11 Data Requirements

Form FERC-11 requires information on revenues, expenses, and sales data, as well as volumetric data on purchases and production.

Submission of Form FERC-11 is required no later than 40 days after the close of the report month. The form requires reporting of both preliminary data for the report month and final data for the same month in the previous year. All data are reported on an equity basis.

Routine Form FERC-11 Edit Checks

The completed Form FERC-11 is sent on disk along with two facsimiles of the form to FERC. FERC loads these disks on a electronic data file. This file is transmitted to EIA for further processing and

editing. Edit reports are produced of the current file and are reviewed manually. This review is to ensure consistency in reporting within and among utilities in the presentation of current and 12-month financial sales data.

Other EIA Publications Referencing Form FERC-11

The Energy Information Administration publication *Monthly Energy Review* contains data from Form FERC-11.

Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas"

Survey Design

The collection of data covering natural gas imports and exports was begun in 1973 by the Federal Power Commission (FPC). On October 1977, FPC ceased to exist and its data collection functions were transferred to the Federal Energy Regulatory Commission (FERC) within the Department of Energy (DOE). Since 1979, the Energy Information Administration (EIA) has had the responsibility for collecting Form FPC-14. Data are not considered proprietary.

Survey Universe and Response Statistics

The Form FPC-14 is filed annually by each organization or individual having authorization to import and export natural gas regardless of whether any imports or exports took place during the reporting year. The authorization to import and export was originally granted by the FPC. In 1977, it was transferred to the Economic Regulatory Administration (ERA) and it now resides with the Office of Fuels Programs in the Office of Fossil Energy. In 1990, 228 companies met the reporting criteria, only 102 reported imports or exports of natural gas.

The respondent list for the Form FPC-14 is updated at the beginning of each year. All new respondents with authorization to import or export natural gas are added to the list and respondents whose licenses have expired are deleted. Five copies of Form FPC-14 are mailed in February to all companies authorized to import or export natural gas. The completed original and three copies are to be filed with the EIA on or before March 31 of each year, for the preceding calendar year. Companies that have not filed by March 31 are contacted.

Figure B6. Form FERC-11

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

Form Approved, OMB No. 1902-0032

(Expires 6-30-90)

FERC FORM NO. 11: NATURAL GAS PIPELINE COMPANY MONTHLY STATEMENT

This report is mandatory under the authority granted by Sections 10 and 16 and sanctions provided by Section 21(b) of the Natural Gas Act. Failure to report may result in criminal fines, civil penalties and other sanctions as provided by law.

Company Code Number

Month Being Reported
19__

PART I: IDENTIFICATION

1. Name of Company

2. Address of Company

(1) Number and Street

(2) City

(3) State

(4) Zip Code

3. Person Authorized To Sign This Report

(1) Signature

(2) Phone Number (Including area code)

PART II: REVENUE DATA

Line No. (a)	Item (b)	Revenues (In thousands of dollars)		Sales (In millions of cubic feet)		Foot-note (g)
		Current Year (c)	Previous Year (d)	Current Year (e)	Previous Year (f)	
4	Sales of Natural Gas					
5	Firm Industrial					
6	Off-peak Industrial					
7	Interruptible Industrial					
8	TOTAL INDUSTRIAL (Enter total of lines 5, 6 and 7)					
9	Other Ultimate Consumers					
10	TOTAL SALES TO ULTIMATE CONSUMERS (Enter total of lines 8 and 9)					
	Sales For Resale (483)					
11	Total Major Gas Pipelines					
12	Total to All Other Pipelines and Gas Utilities					
13	TOTAL SALES FOR RESALE (Enter total of lines 11 and 12)					
14	TOTAL SALES OF NATURAL GAS (Enter total of lines 10 and 13)					
15	Intracompany Transfers (485)					
16	Revenues From Transportation of Gas of Others (489)			(Enter volume of gas transported:)		
17	Provision for Rate Refunds (496)					

FERC FORM NO. 11 (REVISED 12-84)

Page 1 of 4

Company Code Number	Month and Year Being Reported
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PART III: INCOME DATA

Line No. (a)	Item (b)	Current Year (In thousands of dollars) (c)	Previous Year (In thousands of dollars) (d)	Foot-note (e)
18	Gas Operating Revenues (400)			
19	Operation and Maintenance Expense (401, 402)			
20	Depreciation, Depletion and Amortization Expense (403-407)			
21	Taxes Other Than Income Taxes, Utility Operating Income (408.1)			
22	Total Gas Operating Expenses (401, 402, 403-407, 408.1, 409.1, 410.1, 411.1, 411.4)			
23	Net Gas Operating Revenues (Enter the result of lines 18 minus 22) (Including Plant Leased to Others)			
24	Total Gas Utility Operating Income (Refer to specific instruction for line 24.)			
25	Allowance For All Funds Used During Construction - Credit (419.1, 432)			
26	Total Income Before Interest Charges (427-432) and Extraordinary Items (409.3, 434, 435)			
27	Net Income (433) Before Extraordinary Items (434, 435), Income Taxes (409.1, 409.2, 409.3, 410.1, 410.2, 411.1, 411.2), and Investment Tax Credits (411.4, 411.5, 420)			
28	Net Income (Monthly Amount Related to 433.)			

PART IV: OTHER SELECTED DATA

Line No. (a)	Item (b)	Current Year (In thousands of dollars) (c)	Previous Year (In thousands of dollars) (d)	Foot-note (e)
29	Gas Utility Plant in Service (101)			
30	Accumulated Provision For Depreciation, Depletion, and Amortization of Gas Utility Plant (108, 111)			
31	Gas Plant Construction Work In Progress (107)			
32	Gross Additions To Construction Work In Progress (107) For This Month Being Reported			
33	Amount Collected Which Is Subject To Refund During This Month Being Reported			
34	Cumulative Amount Collected Since January 1 This Year Subject To Refund, At End Of This Month Being Reported			
35	Monthly Amount Subject To Refund Actually Refunded During This Month Being Reported			
36	Cumulative Amount Subject To Refund Refunded Since January 1 This Year, To The End Of This Month Being Reported			

Company Code Number		Month and Year Being Reported				
PART V: OPERATION AND MAINTENANCE EXPENSE DATA						
Line No. (a)	Item (b)	Amount (In thousands of dollars)		Gas Volume (In millions of cubic feet)		Foot-note (g)
		Current Year (c)	Previous Year (d)	Current Year (e)	Previous Year (f)	
37	Manufactured Gas Production					
38	Liquefied Petroleum Gas					
39	Other Manufactured Gas					
40	TOTAL (Enter total of lines 38 and 39)					
41	Natural Gas Production					
42	Production and Gathering (750-769)					
43	Products Extraction (770-791)			(Enter thousands of gallons) 7		
44	Exploration and Development (795-798)					
	Purchased Natural Gas From					
45	Producers (800, 801-803)					
46	Intracompany Transfers (800.1)					
47	Imports					
48	Major Gas Pipelines (800, 801-803)					
49	Other Pipelines (800, 801-803)					
50	Other Gas Purchases (804, 805, 805.1 minus line 68-71)					
51	TOTAL (Enter total of lines 45 to 50)					
52	Natural Gas Produced					
53	Exchange Gas - In (806)					
54	Exchange Gas - Out (806)					
55	Purchased Gas Expenses (807.1-807.5)					
56	Gas Withdrawn From Underground Storage - Debit (808.1, 809.1)					
57	Gas Delivered To Underground Storage - Credit (808.2, 809.2)					
58	Gas Used For Compressor Station Fuel - Credit (810)					
59	Gas Used For Products Extraction - Credit (811)					
60	Gas Used For Other Utility Operations - Credit (812)					
61	Other Gas Supply Expenses (813)					
62	TOTAL GAS PRODUCTION (Enter total of lines 40, 42, 43, 44, 51, 53 to 61)					
63	Storage Expenses (814-843.9)					
64	LNG Terminating and Processing Expenses (844.1-847.8)					
65	Transmission Expenses (850-867)					
66	Distribution Expenses (870-894)					
67	Other Gas Purchased and Produced (Entries here should not be included under any other item in this part)					
68	Liquefied Natural Gas (804.1)					
69	Gasified Coal					
70	Synthetic Gas (Reformed (gasified) liquid hydrocarbons.)					
71	TOTAL (Enter total of lines 68 to 70)					
72	All Other Operating and Maintenance Expenses (901-905, 907-916, 920-931, 935)					
73	TOTAL OPERATING AND MAINTENANCE EXPENSES (Enter total of lines 62, 63, 64, 65, 66, 71, 72)					

Routine Form FPC-14 Edit Checks

Respondents are required to certify the accuracy of all data reported. The survey forms are checked at the EIA for reasonableness and accuracy. If errors are found the companies are required to file corrected data. The data are processed at the EIA and published as reported. All natural gas volumes in this report are expressed at a pressure base of 14.73 pounds per square inch absolute and temperature of 60 degrees Fahrenheit, except as noted. All prices are in U.S. dollars and import/export prices are those paid at the U.S. border (except exports of LNG are those prices paid at the point of sale and delivery in Yokohama, Japan).

“Quarterly Natural Gas Import and Export Sales and Price Report”

This report is prepared quarterly by the Office of Fuels Programs in the Office of Fossil Energy based on information submitted by all firms having authorization to import or export natural gas. All data on this report are considered preliminary until the annual data on the Form FPC-14 are final, usually in September of the following year.

Form EIA-857, “Monthly Report of Natural Gas Purchases and Deliveries to Consumers”

Survey Design

The original Form EIA-857 was approved for use in December 1984. Response to the Form EIA-857 is mandatory on a monthly basis. Data collected on the Form EIA-857 cover the 50 States and the District of Columbia and include both price and volume data. Data are considered proprietary.

Survey Universe and Response Statistics

A sample of 391 natural gas companies including interstate pipelines, intrastate pipelines, and local distribution companies report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in

the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 on a monthly basis. Initial response statistics on a monthly basis are as follows: responses received by due date, approximately 90 percent, and responses received after follow-up, 100 percent. Virtually all are received in time for incorporation in the current month's processing cycle. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions.

The Form EIA-857 is a monthly sample survey of firms delivering natural gas to consumers. It provides data that are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors - residential, commercial, and industrial. (Monthly deliveries and prices of natural gas to electric utilities are reported on the Form FERC-423, “Monthly Report of Cost and Quality of Fuels for Electric Plants,” and the Form EIA-759, “Monthly Power Plant Report.”)

See Appendix C for a discussion of the sample design and estimation procedures.

Summary of Form EIA-857 Data Reporting Requirements

Data collected monthly on the Form EIA-857 on a State level include the volume and cost of purchased gas, the volume and cost of natural gas consumed by sector (residential, commercial, and industrial), and the average heat content of all gas consumed. Respondents file completed forms with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported to the nearest whole dollar.

Routine Form EIA-857 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-857. The edits performed include validity and analytical checks.

Figure B7. Form FPC-14

FEDERAL ENERGY REGULATORY COMMISSION
Washington, D.C. 20426

**ANNUAL REPORT FOR
IMPORTERS AND EXPORTERS OF NATURAL GAS**

Form Approved
OMB Number: 1902-0027
Expiration Date: 09/30/92

GENERAL INSTRUCTIONS						
1. The completed original and 3 conformed copies of this report shall be filed with the Federal Energy Regulatory Commission, Washington, D.C. 20426 on or before March 31, of each year, for the preceding calendar year. 2. The report will be filed by each person having authorization to import or export natural gas. 3. Use a separate schedule for each authorization. If one authorization involves more than one import or export point, a separate schedule must be filed for each point. 4. All volumes reported in Mcf will be at 14.73 Psia and 60°F. 5. Where transactions are based primarily on volumetric measurement, weighted average Btu data should be used to estimate total monthly Btu's. 6. Amounts paid or received and cost or receipts shall be reported in U.S. Dollars. 7. DEFINITIONS: – Transporter—the party or parties, other than buyer or seller, owning the facilities by which gas or LNG is physically transferred between buyer and seller; Costs—all expenses incurred by importer up to the U.S. point of delivery for the reported quantity imported; Receipts—all revenues received by exporter for the reported quantity exported.						
Name of Respondent			Address of Respondent		Year Ending December 31, _____	
SCHEDULE I – GASEOUS PHASE NATURAL GAS						
NOTE: If authorization granted is increased, decreased, or extended under a succession of docket numbers and all related gas moved through the same border facilities and authorized expansions thereof, moved to or from the same purchaser or supplier, and was subject to the same rate, such transaction shall be combined for reporting purposes and appropriate Docket Numbers shown.						
Report for (Check one) ☐ Import ☐ Export			Foreign Seller or Foreign Buyer			
U.S. Entry or Exit Point			Transporter		Docket Number(s)	
Line No.	Month (a)	QUANTITY RECEIVED OR SHIPPED AT THE ENTRY OR EXIT POINT				Amount Paid or Received at Entry or Exit Point (f)
		Peak Day		Mcf (d)	MMBtu (e)	
		Date (b)	Mcf (c)			
1	January					
2	February					
3	March					
4	April					
5	May					
6	June					
7	July					
8	August					
9	September					
10	October					
11	November					
12	December					
13	TOTAL					
ANNUAL WEIGHTED AVERAGE IN Btu's PER CUBIC FOOT (Line 13: [Column (e) ÷ (Column (d) X 1000)]) _____				ANNUAL WEIGHTED AVERAGE PRICE IN CENTS PER MMBtu (Line 13: Column (f) ÷ Column (e) X 100) _____		

FPC-14 (8-82)

Figure B8. Form EIA-857

EIA -857 (Revised 1991)

U.S. Department of Energy
Energy Information Administration

Form Approved
OMB No. 19050175
Expires: 12/31/93

MONTHLY REPORT OF NATURAL GAS PURCHASES AND DELIVERIES TO CONSUMERS

This report is mandatory under the Federal Energy Administration Act of 1974 (Public Law 93-275). Failure to report may result in criminal fines, civil penalties, and other sanctions as provided by law. See section VI of the instructions for the confidentiality statement. Public reporting burden for this collection of information is estimated to average 4 hours per response, including time of reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden or any other aspect of this collection of information, including suggestions for reducing this burden, to the Energy Information Administration, Office of Statistical Standards EI-73, Mail Station: 2F-081 Forrestal, 1000 Independence Ave. SW, Washington, DC 20585; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

Affix Identification Label or Enter:

01 Control No.: _____

02 Company Name: _____

State of Operation: _____

Return completed forms to:

Energy Information Administration
Mail Station: BG-094
U.S. Department of Energy
Washington, D.C. 20585
Attn: Form EIA-857

SECTION I — Natural Gas Purchases and Deliveries to Consumers

	Report Period		Revised Report Indicator
	Mo.	Yr.	
	03		04
	Volume (Mcf at 14.73 psia)		Cost or Revenue (Dollars)
Purchased Gas Received in Distribution Service Area	05		
Delivered to Residential Consumers (Onsystem Sales)	06		
Delivered to Commercial Consumers (Onsystem Sales)	07		
Delivered to Industrial Consumers (Onsystem Sales)	08		
Delivered to Electric Utilities (Onsystem Sales)	09		
Transported to Residential Consumers	10		Shaded areas not required
Transported to Commercial Consumers	11		
Transported to Industrial Consumers	12		
Transported to Electric Utilities	13		
Total Delivered and Transported to Consumers	14		
Average Btu Content of Gas Delivered to Consumers	15		(Btu/cu. ft.)

SECTION II — Footnotes

SECTION III — CONTACT PERSON AND CERTIFICATION

Contact Person:	(Area Code—Number—Extension)
16 Name:	17 Telephone:
Certification: I certify that the information provided hereon is true and accurate or, where indicated on the form, reasonable estimates to the best of my knowledge.	
18 Name:	19 Title:
Signature:	Date:

Appendix C

Statistical Considerations

Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." (See Appendix B for a description of this Form.) These estimations must be made from the reported data since the Form EIA-857 is a sample survey. A description of the sample design and the estimation procedures is given below.

Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes interstate pipeline companies, intrastate pipeline companies, producers, and local distribution companies. The survey provides data that are used each month to estimate the volume and price for onsystem sales of natural gas by State and the volume of natural gas delivered for the account of others, by State, to three consumer sectors—residential, commercial, and industrial. Monthly deliveries and prices of natural gas to electric utilities are reported on the Form EIA-759, "Monthly Power Plant Report," and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

Sample Universe. The sample currently in use was selected from a universe of 1,705 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 1990 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

Sampling Plan. The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed. The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 1990. As a supplement, two companies with no deliveries to end users during 1990 but having subsequently started delivering very large volumes were sampled with certainty. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 391 respondent companies. While some mergers and acquisitions were uncovered as a result of the initial mail-out, all resulted in a substitution of respondent companies rather than a reduction in the number of respondents. The sample for the 1992 survey year contains a total of 391 respondent companies.

Certainty Stratum. Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 16 States and the District of Columbia where sampling was not feasible due to small numbers of companies and/or small volumes of gas deliveries, all companies were selected. The 16 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential/commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential/commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential/commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector j greater than the cut-off value (C_j) were included in the certainty stratum. The formula for C_j was:

$$C_j = \frac{X_j}{2n} \quad (1)$$

where:

C_j = cutoff value for consumer sector j ,

n = target sample size to be selected for the State, 25 percent of the companies in the State,

X_{ij} = the annual volume of natural gas deliveries by company i to customers in consumer sector j ,

X_i = the sum within State of annual gas volumes for company i ,

X_j = the sum within State of annual gas volumes in consumer sector j ,

$X_{..}$ = the sum within State of annual gas volumes in all consumer sectors.

Noncertainty Stratum. All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors (X_i). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n \frac{X_2}{X_{..}} \quad (2)$$

where:

m = the sample size for the noncertainty stratum within a State,

X_2 = the sum within State of the X_i for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using ($I = \frac{X_2}{m}$). A uniform random number R was selected between zero and I . The first sampled company was the first company on the list to have a cumulative measure of size greater than R . The second company selected was the first company on the list to have a cumulative measure of size greater than $R + I$. $R + I$ was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

Subgroups. In eight States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that X_2 was the sum within State of the X_i for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

California: companies handling only industrial gas and all other companies.

Louisiana: companies handling only industrial gas and all other companies, with the latter being further subdivided according to size. The larger group is comprised of all companies with total deliveries of at least 200 million cubic feet while the smaller group consists of companies with less than that volume of delivered gas (three subgroups).

Texas: companies handling only residential/commercial gas, companies handling only industrial gas, and all other companies (three subgroups).

West Virginia: companies delivering only residential or commercial gas and all other companies.

Arkansas, Colorado, Georgia, Pennsylvania, and Tennessee: companies delivering 1 billion cubic feet or more of gas and companies delivering less than 1 billion cubic feet of gas.

Oklahoma: Companies delivering less than 500 million cubic feet of gas and those delivering more than that volume.

New York: companies delivering 8 billion cubic feet or more of gas and companies delivering less than 8 billion cubic feet of gas.

Estimation Procedures

Estimates of Volumes. A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector—residential, commercial, and industrial—in each State where companies are sampled.

The following annual data are taken from the most recent 1990 submissions of Form EIA-176:

The formula for calculating the ratio estimator (E_{vj}) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{Y_j}{Y'_{.j}} \quad (3)$$

where:

Y_j = the sum within State of annual gas volumes in consumer sector j for all companies,

$Y'_{.j}$ = the sum within State of annual gas volumes in consumer sector j for those companies in the sample.

The ratio estimator is applied as follows:

$$V_j = y_{.j} \times E_{vj} \quad (4)$$

where:

V_j = the State estimate of monthly gas volumes in consumer sector j ,

$y_{.j}$ = the sum within State of reported monthly gas volumes in consumer sector j .

Computation of Natural Gas Prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V'_{.j}}$$

where:

P_j = the average price for gas sales within the State in consumer sector j ,

R_j = the reported revenue from natural gas sales within the State in consumer sector j ,

V_j = the reported volume of natural gas sales within the State in consumer sector j .

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

The monthly average prices of natural gas are based on sales data only. Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices.

Table 33 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. Virtually all natural gas deliveries to the residential sector represent onsystem sales volumes only.

See the section on consumer price calculations in this Appendix for further price information.

Estimation for Nonrespondents. A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas sales for nonrespondents was:

$$F_t = F_{t-1} \times \frac{y_{jt}}{y_{jt-1}} \quad (5)$$

where:

F_t = imputed gas volume for current month t ,

F_{t-1} = gas volume for the company for the previous month,

y_{jt} = gas volume reported by companies in the State stratum for report month t ,

y_{jt-1} = gas volume in the previous month for companies in the State stratum that reported in month t .

Final Revisions

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *Natural Gas Monthly*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V_{jm}^* = V_{jm} + \left[(V_{ja} - V'_{jm}) \left(\frac{V_{jm}}{V'_{jm}} \right) \right] \quad (6)$$

where:

V_{jm}^* = the final volume estimate for month m in consumer sector j,

V_{jm} = the estimated volume for month m in consumer sector j,

V_{ja} = the volume for the year reported on Form EIA-176,

V'_{jm} = The annual sum of estimated monthly volumes.

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R_{jm}^* = R_{jm} + \left[(R_{ja} - R'_{jm}) \left(\frac{R_{jm}}{R'_{jm}} \right) \right] \quad (7)$$

where:

R_{jm}^* = the final revenue estimate for month m in consumer sector j,

R_{jm} = the estimated revenue for month m in consumer sector j,

R_{ja} = the revenue for the year reported on Form EIA-176,

R'_{jm} = The annual sum of estimated monthly revenues.

Revision of Volumes and Prices for Deliveries to Electric Utilities. Revisions to monthly electric utilities data are published throughout the year as they become available.

Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

Standard Errors. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V(\hat{Y}) = \sum_{h=1}^H \left[N_h^2 \frac{(1 - \frac{n_h}{N_h})}{n_h(n_h - 1)} \left(\sum_{i=1}^{n_h} (y_i - Tx_i)^2 \right) \right] \quad (8)$$

where:

H = the total number of strata

N_h = the total number of companies in stratum h

n_h = the sample size in stratum h

y_i = the reported monthly volume for company i

x_i = the reported annual volume for company i

T = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, December 1993

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	437	1,006	3,027	3,220	0.34	0.28	0.71
Alaska	0	0	0	0	—	—	—
Arizona	35	22	0	42	0.01	0.10	—
Arkansas	92	132	19	162	0.03	0.06	0.03
California	228	82	2,447	2,459	0.01	0.07	0.25
Colorado	29	4	0	29	0.02	0.03	—
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	54	89	1,319	1,323	0.12	0.03	1.21
Georgia	3,464	1,825	3,030	4,951	0.04	0.36	1.13
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	8,275	560	2,213	8,584	0.63	1.26	0.41
Indiana	1,230	546	279	1,374	0.10	0.08	0.19
Iowa	295	281	191	450	0.09	0.15	1.49
Kansas	1,159	7,529	10,637	13,083	0.45	2.10	5.85
Kentucky	1,202	164	818	1,463	0.12	0.12	1.37
Louisiana	454	124	1,163	1,255	0.20	0.31	0.01
Maine	0	0	0	0	—	—	—
Maryland	15	32	12	37	0.02	0.05	0.10
Massachusetts	48	190	551	585	0.05	0.08	0.19
Michigan	2,383	1,570	127	2,857	0.10	0.13	0.42
Minnesota	962	389	809	1,316	0.11	0.06	0.08
Mississippi	269	166	331	457	0.55	0.11	0.20
Missouri	547	529	93	767	0.59	0.79	3.59
Montana	14	9	0	16	0.02	0.05	—
Nebraska	115	131	136	221	0.05	—	0.23
Nevada	0	0	0	0	—	—	—
New Hampshire	0	0	0	0	—	—	—
New Jersey	0	0	0	0	—	—	—
New Mexico	283	316	359	556	0.23	0.29	—
New York	3,170	101	2,318	3,929	0.85	0.39	0.38
North Carolina	28	127	320	346	0.10	0.14	0.06
North Dakota	0	0	0	0	—	—	—
Ohio	1,943	1,060	3,629	4,251	0.05	0.06	0.26
Oklahoma	22	14	15	30	0.02	0.05	0.01
Oregon	0	0	0	0	—	—	—
Pennsylvania	193	192	2,512	2,527	0.11	0.10	0.66
Rhode Island	0	0	0	0	—	—	—
South Carolina	68	80	484	495	0.35	0.09	0.32
South Dakota	0	0	0	0	—	—	—
Tennessee	1,199	251	329	1,268	0.58	0.13	0.25
Texas	654	10,347	30,260	31,987	0.15	1.30	0.16
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	1,300	405	242	1,383	0.25	0.66	0.28
Washington	0	0	0	0	—	—	—
West Virginia	1,304	1,588	290	2,075	0.48	0.97	0.32
Wisconsin	1,424	3,051	1,854	3,844	0.40	0.30	0.17
Wyoming	44	58	1,172	1,174	0.11	0.11	0.18
Total	10,656	13,609	33,067	37,312	0.12	0.15	0.25

— = Not Applicable.

Source: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Appendix D

Natural Gas Reports and Feature Articles

Appendix D

Natural Gas Reports and Feature Articles

Reports Dealing Principally with Natural Gas and/or Natural Gas Liquids

- Natural Gas Annual 1992, DOE/EIA-0131(92), November 1993.
- *Natural Gas Annual* 1992 Supplement: Company Profiles DOE/EIA-0131(92/S), January 1994.

Other Reports Covering Natural Gas, Natural Gas Liquids, and Other Energy Sources

- U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves - 1992 Annual Report, DOE/EIA-0216(92), October 1992.
- Monthly Energy Review, DOE/EIA-0035. Published monthly. Provides national aggregate data for natural gas, natural gas liquids, and other energy sources.
- Annual Report to Congress 1992, DOE/EIA-0173(92), March 1993. Published annually.
- *Annual Energy Outlook 1994*, DOE/EIA-0383(94), January 1994. Published annually.
- *Annual Energy Review 1992*, DOE/EIA-0384(92), June 1993. Published annually.
- *Short-Term Energy Outlook*, DOE/EIA-0202. Published quarterly. Provides forecasts for next six quarters for natural gas and other energy sources.

Selected One-Time Natural Gas and Related Reports

- *U.S. Production of Natural Gas from Tight Reservoirs*, DOE/EIA-TR-0574, October 1993.
- Energy Policy Act Transportation Rate Study, DOE/EIA-0571, October 1993.
- Largest U.S. Oil and Gas Fields, DOE/EIA-TR-0567, August 1993.
- Natural Gas 1992: Issues and Trends, DOE/EIA-0560(20), March 1993.
- *Natural Gas Productive Capacity for the Lower 48 States, 1982 through 1993*, DOE/EIA-0542(93), March 1993.
- *Geologic Distributions of U.S. Oil and Gas*, DOE/EIA-0557, July 1992.
- *Capacity and Service on the Interstate Natural Gas Pipeline System 1990*, DOE/EIA-0556, June 1992.
- *Effects of Interruptible Natural Gas Service: Winter 1989-1990*, SR/OG-91-01, June 1991.
- *The Outlook for Natural Gas Imports: Supporting Analysis for the National Energy Strategy*, SR/NES/90-06, January 1991.

Selected and Recurring Natural Gas and Related Data Reference Reports

- *Directory of Energy Data Collection Forms*, DOE/EIA-0249(92), January 1993.
- *Oil and Gas Field Code Master List, 1993*, EIA-0370(93), December 1993.

NGM Feature Articles

January 1991

Take-or-Pay Settlements

(Presents information on the resolutions of the take-or-pay issue.)

February 1991

Recent Trends and Regional Variability in Underground Storage Activities

(Discusses underground storage in the expansion of end-use markets.)

March 1991

Natural Gas Transportation Services: An Update

(Reassesses transportation market activities by examining data through 1989 for major interstate pipeline companies.)

April 1991

An Overview of Recent Developments in the Underground Storage Market

(Reviews the changing market for underground natural gas storage services in the United States.)

May 1991

Analysis of Long-Term Contracts for Imports of Canadian Natural Gas

(Focuses on the contractual provisions that will govern imports of natural gas from Canada through the 1990's and beyond.)

June 1991

Natural Gas Productive Capacity for the Lower 48 States, 1980 through 1991

(Summarizes the full report and contrasts the findings for two major producing regions: Texas and the Gulf of Mexico Outer Continental Shelf.)

July 1991

The Outlook for Natural Gas 1991

(Focuses upon the natural gas supply and market aspects of the forecasts contained in the *Annual Outlook for Oil and Gas 1991*.)

August 1991

U.S. Natural Gas Imports and Exports - 1990

(Contains final 1990 data on all U.S. imports and exports of natural gas.)

September 1991

Background on the Natural Gas Industry

(Focuses on changes in the industry that pertain to natural gas.)

Domestic Natural Gas Reserves and Production Dedicated to Interstate Pipeline Companies, 1990

(Provides preliminary data on natural gas reserves and production dedicated to the interstate market.)

March 1992

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1992

U.S. Natural Gas Imports and Exports - 1991

(Contains final 1991 data on all U.S. imports and exports of natural gas.)

November 1992

Natural Gas Futures Contract Market - The First 2 Years

(Reviews the financial and economic significance of trading in natural gas futures markets.)

December 1992

Three-Dimensional Seismology — A New Perspective

(Describes the impact 3D seismology will have on future U.S. reserves and production.)

Imports of Canadian Gas Under Long-Term Contracts

(Addresses how regulatory changes have altered the contractual revisions of long-term agreements.)

March 1993

Natural Gas 1992: Issues and Trends

(Provides an overview of the natural gas industry in 1991 and 1992, focusing on trends in production, consumption, and pricing of natural gas.)

Natural Gas Productive Capacity

(Analyzes monthly natural gas wellhead productive capacity and projects this capacity for 1992 and 1993.)

April 1993

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1993

U.S. Natural Gas Imports and Exports - 1992

(Contains final 1992 data on all U.S. imports and exports of natural gas.)

November 1993

U.S. Production of Natural Gas from Tight Reservoirs

(Discusses the economic incentives offered to induce operators to explore for and develop gas reservoirs from unconventional sources.)

The Expanding Role of Underground Storage

(Discusses the expanded role of underground natural gas storage in the restructured natural gas industry.)

January 1994

U.S. Coalbed Methane Production

(Updates the Energy Information Administration's coalbed methane production information through 1992 and presents it by geologic basin and by State.)

February 1994

Contracting for Natural Gas Supplies

(Addresses the contractual relationships of producers with end users and distributors for the natural gas that is shipped along the interstate pipeline systems.)

Appendix E

Technical Contacts

Appendix E

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production and Consumption	1, 2, 3	Monthly:	Interstate Oil and Gas Compact Commission (IOGCC)	Donna Gurrina (202) 586-6135
		Annual:	EIA-627, "Annual Quantity and Value of Natural Gas Report"	
		Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Extraction Loss	1	Monthly:	EIA computations	Margo Natof (202) 586-6303
		Annual:	Form EIA-816, "Monthly Natural Gas Liquids Report" and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	
Supplemental Gaseous Fuels	2	Monthly:	EIA computations	Dunna Guerrina (202) 586-6135
		Annual:	Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Margo Natof (202) 586-6303
Imports and Exports	2	Monthly:	EIA computations	Norman Crabtree (202) 586-6181
		Annual:	Form FPC-14, "Annual Reports for Importers and Exporters of Natural Gas"	
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Imports and Purchases from Producers	4	Monthly:	Form FERC-11, "Natural Gas Pipeline Company Monthly Statement"	James Keeling (202) 586-6107
Wellhead	4	Monthly:	EIA computations	Donna Guerrina (202) 586-6135
		Annual:	Form EIA-627, "Annual Quantity and Value of Natural Gas Report"	
Electric Utility	4	Monthly:	Form FPC-423, "Cost and Quality of Fuels for Electric Power Plants	Roy Kass (202) 586-4790
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas"	Norman Crabtree (202) 586-6181
Producer Related Activities: Natural Gas Production	7	Monthly:	Interstate Oil and Gas Compact Commission (IOGCC)	Donna Guerrina (202) 586-6135
Interstate Pipeline Activities:	8, 9, 10	Monthly:	Form FERC-11, "Natural Gas Pipeline	James Keeling

	11, 12		Company Monthly Statement"	(202) 586-6107
Underground Storage:	13, 14, 15 16, 17	Monthly:	Forms FERC-8 and EIA-191, "Underground Gas Storage Report"	Rosemary Jameson (202) 586-6229
Distribution and Consumption:				
Deliveries to:				
Residential,	18	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
Commercial,	19		Natural Gas Purchases and Deliveries	(202) 586-4790
Industrial,	20		to Consumers"	
Electric Utility,	21		Form FERC-423, "Cost and Quality	
All Consumers	22		of Fuels for Electric Power Plants"	
Average Price to:				
City Gate,	23	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
Residential,	24		Natural Gas Purchases and Deliveries	(202) 586-4790
Commercial,	25		to Consumers"	
Industrial,	26		Form FERC-423, "Cost and Quality	
Electric Utility	27		of Fuels for Electric Power Plants"	
Onsystem Sales	28	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
			Natural Gas Purchases and Deliveries	(202) 586-4790
			to Consumers"	
Heating Degree Days	29	Seasonal:	National Oceanic and Atmospheric	Rosemary Jameson
			Administration	(202) 586-6229
Highlights				Audrey Corley
				(202) 586-4804
Industry Overview				Eva Fleming
				(202) 586-6113

Glossary

Balancing Item: Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents.

Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume. British Thermal Unit (Btu) The heat required to raise the temperature of one pound of water by one degree Fahrenheit at or near 39.2 degrees Fahrenheit.

City-gate: A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing organizations such as hotels, restaurants, retail stores, laundries, and other service enterprises, and gas used by local, State, and Federal agencies engaged in nonmanufacturing activities.

Depletion: The loss in service value incurred in connection with the exhaustion of the natural gas reserves in the course of service.

Depreciation: The loss in service value not restored by current maintenance, incurred in connection with the consumption or respective retirement of a gas plant in the course of service from causes that are known to be in current operation and against which the utility is not protected by insurance; for example, wear and tear, decay, obsolescence, changes in demand and requirements of public authorities, and the exhaustion of natural resources.

Dry Natural Gas Production: Marketed production less extraction loss.

Electric Utility Consumption: Gas used as fuel in electric utility plants.

Exports: Natural gas deliveries out of the continental United States and Alaska to foreign countries.

Extraction Loss: The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Flared: The volume of gas burned in flares on the base site or at gas processing plants.

Gross Withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Hinshaw Pipeline: A pipeline or local distribution company that has received exemption, (by Section 1 (c) of the Natural Gas Act), from regulations pursuant to the Natural Gas Act. These companies transport interstate natural gas not subject to regulations under NGA.

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

Independent Producers: Any person who is engaged in the production or gathering of natural gas and who sells natural gas in interstate commerce for resale but who is not engaged in the transportation of natural gas (other than gathering) by pipeline in interstate commerce.

Industrial Consumption: Natural gas used by manufacturing and mining establishments for heat, power, and chemical feedstock.

Interstate Companies: Natural gas pipeline companies subject to FERC jurisdiction.

Intransit Deliveries: Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit Receipts: Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

Intrastate Companies: Companies not subject to FERC jurisdiction.

Lease and Plant Fuel: Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

Liquefied Natural Gas (LNG): Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

Major Interstate Pipeline Company: A company whose combined sales for resale, and gas transported interstate or stored for a fee, exceeded 50 million thousand cubic feet in the previous year.

Marketed Production: Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

Native Gas: Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

Natural Gas: A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

Natural Gas Policy Act of 1978 (NGPA): Signed into law on November 9, 1978, the NGPA is a framework for the regulation of most facets of the natural gas industry. See Explanatory Note 10 for a full discussion.

Nonhydrocarbon Gases: Typical nonhydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide, and nitrogen.

Onsystem Sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of gas into oil or gas formations to effect greater ultimate recovery.

Residential Consumption: Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Storage Additions: The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

Storage Withdrawals: Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

Supplemental Gaseous Fuels Supplies: Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

Synthetic Natural Gas (SNG): A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

Therm: One-hundred thousand British thermal units.

Underground Gas Storage Reservoir Capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

Vented Gas: Gas released into the air on the base site or at processing plants.

Wellhead Price: Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and compression charges, and State production, severance, and/or similar charges.

Working (Top Storage) Gas: The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.

DATE

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