

DOE/EIA-0145(88)

Statistics of Interstate Natural Gas Pipeline Companies 1988

**DO NOT MICROFILM
COVER MASTER**

EIA

Energy Information
Administration

THE DOCUMENT IS UNLIMITED

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

This publication is available from the Superintendent of Documents, U. S. Government Printing Office (GPO). Information about purchasing this or other Energy Information Administration (EIA) publications may be obtained from the GPO or the EIA's National Energy Information Center (NEIC). Questions on energy statistics should be directed to the NEIC by mail, telephone or, telecommunications device for the deaf (TDD). Addresses, telephone numbers, and hours appear below:

National Energy Information Center, EI-231
Energy Information Administration
Forrestal Building, Room 1F-048
Washington, DC 20585
(202) 586-8800
Telecommunications Device for the Deaf Only:
(202) 586-1181
Hours: 8 a. m. - 5 p. m., M-F, Eastern Time

Superintendent of Documents
U. S. Government Printing Office
Washington, DC 20402
(202) 783-3238

Cover Photo:

Workmen preparing to lay one of the many pipelines that transport natural gas across the United States.



DOE/EIA--0145(88)

DE90 003070

Statistics of Interstate Natural Gas Pipeline Companies 1988

Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy

MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or necessarily reflecting any policy position of the Department of Energy or any other organization.

Contacts

The *Statistics of Interstate Natural Gas Pipeline Companies*, is prepared in the Data Operations Branch of the Reserves and Natural Gas Division, Office of Oil and Gas, Energy Information Administration, U. S. Department of Energy. General information regarding this

document may be obtained from Kendrick E. Brown, Jr. (202) 586-6077. Specific information regarding the contents of this publication may be obtained from Juanita R. Mack (202) 586-6169.

Preface

The *Statistics of Interstate Natural Gas Pipeline Companies 1988*, presents financial and operating information of all major interstate natural gas pipeline companies¹ that operated in the United States during 1988. This report is used by the Federal Energy Regulatory Commission (FERC), State utility commissions, other government agencies, and the general public. The information is taken from FERC Form 2, "Annual Report of Major Natural Gas Companies," as filed with the Federal Energy Regulatory Commission.

In 1984, the reporting criteria for the Forms FERC-2 and FERC-2A were changed from that of prior years. The classification of interstate natural gas pipeline companies was changed to major companies and nonmajor companies. For accounting and reporting purposes, the FERC's Uniform System of Accounts defines major and nonmajor natural gas companies as follows: (1) major natural gas companies are those whose combined gas sold for resale and gas transported or stored for a fee exceeded 50 billion cubic feet at 14.73 psi and 60 degrees Fahrenheit in each of the 3 previous calendar years, and (2) nonmajor natural gas companies are those that are not classified as a "major company" and that had total gas sales exceeding 200 million cubic feet at 14.73 psi and 60 degrees Fahrenheit in each of the 3 previous calendar years. A company's classification is determined originally by its annual gas volume in each of the last 3 consecutive years. In the case of a newly established entity, the projected data are the basis. Subsequent changes in classification are made when the volume for each of the 3 immediately preceding years exceeds the upper limit, or is less than the lower limit of the classification previously applicable to the natural gas company.

FERC also regulates nonmajor interstate natural gas pipeline companies. Nonmajor companies are not included in this publication. They file an abbreviated annual report (FERC Form 2-A) which is available for public inspection.

In 1988 and 1987, there were 122 and 143 interstate natural gas pipeline companies, respectively. Forty-three of these were major natural gas pipeline companies. One company changed its name in the 1988 filings. Mountain Fuel Resources Inc. changed its name to Questar Pipeline Co.

In the composite statements no attempt has been made to consolidate the accounts of the companies included. The combined totals represent the sum of all accounts as reported by the individual companies, and thus include intercompany transactions. The 1988 statements have not been adjusted to show the effects of rate case settlements on the financial statements for current or prior years.

Tables 22 through 29 present detailed financial and operating results for 1988, as reported by each of the 43 major companies. Appendix A is an index of States in which the major pipeline companies furnish service. Appendix B is a list of the Commission Orders affecting the reporting by these companies. Reports to the FERC and to stockholders must be prepared in accordance with FERC's prescribed Uniform System of Accounts. The reports are subject to continuing audit by the Office of Chief Accountant, FERC. These audits consist of onsite visits by the field staff, in addition to desk reviews by the Washington staff. Appendix C shows which major pipeline companies have major pipeline subsidiary companies.

A more detailed analysis of the supplies available to jurisdictional pipeline companies, *Gas Supplies of Interstate Natural Gas Pipeline Companies*, DOE/EIA-0167, is published annually. Copies are available from the Superintendent of Documents (U.S. Government Printing Office, Washington, DC 20402) and the National Energy Information Center (Energy Information Administration, NEIC, EI-20, Forrestal Building, Washington, DC 20585).

¹The term "interstate natural gas pipeline company," used in this publication, refers to "any natural gas company," which is defined in the Natural Gas Act as "... a person in the transportation of interstate commerce, or the sale in interstate commerce of such gas for resale..." Exceptions are those companies whose operations are limited to production of natural gas and sales of gas at or near the point of production.

Contents

	Page
Overview	1
Appendices	
A. State Index	221
B. Commission Orders Issued	225
C. Major Pipeline Companies that Have Major Pipeline Subsidiary Companies	231

Tables

	Page
1. Balance Sheet--Major Pipeline Companies	6
2. Capital Account for Major Pipeline Companies, as of December 31	12
3. Composite Statement of Income and Retained Earnings, Major Pipeline Companies	14
4. Income Account Relationships, Major Pipeline Companies	19
5. Composite Statement of Changes in Financial Position, December 31	20
6. Composite Gas Customers, Sales and Operating Revenues, Year Ended December 31	21
7. Gas Operation and Maintenance Expenses Statistics for Major Pipeline Companies, Year Ended December 31	23
8. Gas Operation and Maintenance Expense Relationship, Major Pipeline Companies	23
9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31	24
10. Composite Gas Utility Plant for Major Pipeline Companies, December 31	36
11. Balance Sheet Relationships, Major Pipeline Companies	45
12. Composite Gas Account for Major Pipeline Companies, Year Ended December 31	46
13. Investment Tax Credits for All Major Pipeline Companies, 1963-1988	49
14. Record of Investment Tax Credits Generated and Utilized for all Major Pipeline Companies, 1963-1988	50
15. Gas Prepayments and Undelivered Gas Obligations for All Major Pipeline Companies, De- cember 31	52
16. Advance Payments Recorded for All Major Pipeline Companies as of December 31, 1988 ..	52
17. Major Pipeline Companies Having Advance Payment for Gas During 1988	53
18. Sales, Advertising Expense, and Customer Service and Informational Expense for All Major Pipeline Companies, Year Ended December 31, 1988	53
19. Research, Development, and Demonstration Expenditure for all Major Pipeline Companies, Year Ended December 31	54
20. Research, Development, and Demonstration Activities, Costs Incurred for All Major Pipe- line Companies, Year Ended December 31	55
21. Composite Physical Quantities for Major Pipeline Companies, as of December 31	56
22. Balance Sheet as of December 31, 1988	59
23. Statement of Income and Retained Earnings as of December 31, 1988	81
24. Statement of Changes in Financial Position as December 31, 1988	103
25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988	113
26. Gas Operation and Maintenance Expenses as of December 31, 1988	124
27. Statement of Gas Utility Plant Statistics as of December 31, 1988	168
28. Gas Account Statistics as of December 31, 1988	201
29. Physical Quantity Statistics as of December 31, 1988	212

Illustrations

	Page
1. Balance Sheet Assets and Other Debits 1979 - 1988	5
2. Balance Sheet Liabilities and Other Credits 1979 - 1988	5
3. Composite Income and Retained Earnings 1979 - 1988	13
4. Composite Operation and Maintenance Expenses 1979 - 1988	22
5. Composite Gas Utility Plant in Service 1979 - 1988	58

Overview

Introduction

Over the past 10 years, regulatory policy, a shifting market, and tax code revisions have dramatically changed the interstate natural gas industry. For years virtually every aspect of the industry was heavily regulated by both the Federal and State authorities, largely due to the natural monopoly characteristics of limited channels of distribution. Currently, the movement is toward a more competitive market due in particular to the following three factors:

Regulatory policy -- The Natural Gas Policy Act of 1978 (NGPA) altered the state of natural gas regulation in a major way by mandating the gradual removal of price controls from much of the gas sold at the wellhead and by setting price ceilings for intrastate as well as interstate gas. A series of other regulatory actions has followed including removal of price ceilings on some categories of high-cost gas and new gas. In 1986, the Federal Energy Regulatory Commission (FERC) adopted Order 451 allowing most old gas prices to rise to the highest price ceiling then allowed for any old gas. In July 1987, the price of additional new gas was decontrolled. Though not reflected in this report, on July 26, 1989, legislation was signed which decontrolled all natural gas no later than January 1, 1993.

Market Responsiveness -- The natural gas industry is characterized as having high fixed costs and relatively low variable costs. This situation creates a strong incentive for both buyers and sellers to enter into long-term arrangements. However, these long-term arrangements also make it hard for either party to respond to short-term market behavior. One contract provision prevalent during this decade was take-or-pay, whereby the pipeline company agreed to pay for a specified amount of natural gas even if that gas was not taken. The 1981-1982 recession, followed by the drastic drop in oil prices in 1986, resulted in a decline in natural gas demand and therefore a significant increase in take-or-pay liabilities. The pipeline companies have been attempting to resolve these liabilities through contract renegotiations or by passing through some of their costs.

Tax Reform -- The Tax Reform Act of 1986 will have a long-term effect on public utility ratemaking. The parts of the tax code that changed the most are in the areas of excess deferred income, accelerated depreci-

ation, investment tax credits, contributions in the aid of construction, minimum taxes, unbilled revenues, cost of common equity to utilities, and internal tax generation. Some of these areas will be examined in more detail as they relate to data in this report.

The financial and operating information presented in this report show a tangential relationship to many of these industry changes. For instance, gross utility plant investments at the end of 1988 amounted to \$45.1 billion compared to \$43.4 billion in 1987. Total gas operating revenues were \$26.7 billion in 1988 as in 1987. Sales of natural gas decreased from 6.5 trillion cubic feet in 1987 to 6.4 trillion cubic feet in 1988. Sales of natural gas to ultimate consumers increased from 0.6 trillion cubic feet in 1987 to 0.8 trillion cubic feet in 1988. Revenues from these sales to ultimate consumers increased from \$2.6 billion in 1987 to \$3.1 billion in 1988. Gas of others received for transportation or compression increased from 13.2 trillion cubic feet to 15.7 trillion cubic feet. Decreases in sales and increases in transportation for others may be attributable to the "unbundling" of transportation and brokerage functions in recent years allowing for more competition. Gas transportation and distribution are now seen as separate services from the acquisition of gas supplies.

Balance Sheet

Table 1 contains the balance sheet for the major pipeline companies from 1979-1988. Table 22 contains the balance sheets for each of the 43 interstate pipeline companies as of December 31, 1988.

Total assets and other debits increased from \$58.6 billion in 1987 to \$64.7 billion in 1988 primarily as a result of increases in other property and investments. Net all utility plant increased from \$18.8 billion in 1987 to \$19.0 billion in 1988.

Advances for gas exploration, development, and production has been decreasing since 1980 from \$614.0 million to \$5.5 million in 1988. This dramatic decrease is probably attributable to a gas surplus "bubble" developed as a result of the NGPA of 1978 which stimulated production, along with the recession of 1981-1982 which dampened consumption.

Table 2 summarizes capitalization account data from Table 1 for 1987 and 1988. The common equity portion of the capital structure was 55.3 percent in 1988 and 55.7 percent in 1987 and includes common stock issued, unappropriated, undistributed subsidiary earnings, other proprietary capital (net), and retained earnings. Long-term debt, the largest liability of a company, had a debt capitalization ratio of 42.5 percent in 1987 and 43.4 percent in 1988. Table 11 shows the relationships between many balance sheet items. One particular item of note is the year-end ratio of current assets to current liabilities. From 1979 to 1988, this ratio remained relatively stable with current assets exceeding current liabilities, however in 1986, 1987, and 1988, current liabilities exceeded assets, with ratios of 0.91, 0.78, and 0.61 respectively.

Statement of Income and Retained Earnings

Table 3 contains the composite statement of income and retained earnings for the pipeline companies from 1979-1988. Table 23 shows the statement of income and retained earnings for each of the 43 pipeline companies as of December 31, 1987.

Gas utility operating revenues for the major companies was \$26.7 billion in 1988 as in 1987. Net gas operating revenues decreased from \$2.0 billion in 1987 to \$1.7 billion in 1988. Gas operating expenses increased from \$24.7 billion in 1987 to \$25.0 billion in 1988.

Net income for the major companies increased from \$1.1 billion in 1987 to \$1.4 billion in 1988. These amounts include equity in subsidiary company earnings of 38 percent of net income in 1987 and 86 percent of net income in 1988. Total retained earnings decreased for a third year to \$7.9 billion.

Table 4 summarizes these income account relationships from 1979 to 1988. Several of these relationships are noteworthy. For example, net gas utility operating income as a percent of average net gas investment is down to 5.8 in 1988 from a high of 13.1 in 1983. Earnings available for common stock, or return on common equity, is down from a high of 18.6 in 1981 to 6.8 in 1988.

Statement of Cash Flows

Tables 5 and 24 contain the statement of cash flows for the major pipeline companies for 1988. This cash flows statement replaces the statement of change in financial position. Table 5 is the composite statement of cash flows for major pipeline companies for 1988. Table 24 contains the statement of cash flows for each of the 43 companies as of December 31, 1988.

Net cash provided by (used in) operating activities was \$6.9 billion in 1988 as a result of a net increase in payables and accrued expenses of \$6.7 billion.

Gas Customers, Sales, and Operating Revenues

Table 6 shows that the number of natural gas customers increased from 2.0 million in 1987 to 3.3 million in 1988 reflecting a large increase in residential customers. Natural gas sales however, decreased from 6.5 trillion cubic feet in 1987 to 6.4 trillion cubic feet in 1988. Volumes of sales for resale also decreased from 5.8 trillion cubic feet in 1987 to 5.6 trillion cubic feet in 1988. Table 25 contains gas customers, sales, and operating revenues for gas customers, sales, and operating revenues for each of the 43 pipeline companies.

Revenues from the sale of natural gas have followed the same behavior as in sales, decreasing from \$45.0 billion in 1985 to \$22.5 billion in 1988. Total natural gas operating revenues declined from \$49.1 billion in 1985 to \$27.5 billion in 1988 even though revenues from transportation of gas of others increased from \$2.3 billion to \$4.1 billion during the same period.

Gas Operation and Maintenance Expenses

Total gas operation and maintenance expenses, for the major companies increased from \$21.8 billion in 1987 to \$22.7 billion in 1988 as shown in Tables 7 and 9. These expenses have been declining since 1982 when they represented 88.9 percent of operating revenues. However, the 1988 expenses increased to 85.1 from 81.6 percent in 1987.

Gas Utility Plant

Gas utility plant represents a substantial segment of a utility's total plant used to provide service. Table 10 presents a composite of gas utility plant for the major pipeline companies including a summary of gas plant accounts. Total gas utility plant increased in 1988 to \$44.0 billion from \$42.4 billion in 1987.

Balance sheet relationships for the major pipeline companies on Table 11 show gross gas utility plant per dollar of gas operating revenues in 1988 of 1.68, an increase from 1.62 in 1987.

Gas Account Statistics

The gas account, as shown in Tables 12 and 28 for the major pipeline companies, presents total gas receipts, gas delivered, and unaccounted for losses. Total gas receipts increased in 1988 to 35.0 trillion cubic feet from 32.3 trillion cubic feet in 1987 mostly due to significant increases in gas of others received for transportation or compression, which increased from 13.2 trillion cubic feet in 1987 to 15.7 trillion cubic feet in 1988.

Total natural gas sales decreased from 6.5 trillion cubic feet in 1987 to 6.4 trillion cubic feet in 1988. Main line industrial sales declined from 0.30 trillion cubic feet to 0.26 trillion cubic feet.

Investment Tax Credits Generated and Utilized

The repeal of the investment tax credit effective January 1, 1986 is a significant change in the tax laws. Table 13 summarizes by accounting method the investment tax credits generated and utilized during the years 1962-1988 for all major interstate natural gas pipeline companies. The details are shown in Table 14 and illustrate a decrease in 1987 and 1988 since the repeal of the credits. Credits will no longer be generated, however credits can be utilized until around 1992.

The loss of the investment tax credit may have a significant effect on the amount of internally generated funds. It should also be noted that the repeal of investment tax credits is retroactive to plants placed in service after January 1, 1986.

Gas Prepayments and Undelivered Gas Obligations

Prepayments are payments made to producers for gas not yet taken. The FERC Form 2 reports prepayments actually made for all gas in a relatively consistent way for all companies. In 1988 prepayments decreased to \$383.8 million from \$802.1 million in 1987. Volume of gas prepayments decreased to 145.9 billion cubic feet in 1988 from 195.7 billion cubic feet in 1987 as shown in Table 15.

Total prepayments represent only a small fraction of the overall dislocation attributable to take-or-pay liabilities and can only be of minor use when addressing the take-or-pay problems.

Advance Payments for Gas

Advance payments for gas (made possible through a valid gas purchase contract with the payor or prior approval by appropriate Federal and/or State authorities) are paid to other natural gas companies for exploration, development, or production of gas prior to delivery of gas by the payee. Table 16 summarizes by account, advance payments recorded for all the major pipeline companies as of December 31, 1988. Table 17 summarizes the pipeline companies having had advance payments during 1988.

Sales, Advertising Expense, and Customer Service and Informational Expense

Total sales expense for 1988 amounted to \$23.5 million, an additional \$19.5 million was expended on customer service and informational expense. (Table 18)

Research, Development, and Demonstration Expenditures

Table 19 reports by item the expenditures for research, development, and demonstration for all major pipeline companies for 1987 and 1988. Table 20 reports the to-

tals by company for the years 1984-1988. Since 1984, expenditures in this account have been increasing from \$135.0 million to \$171.8 million in 1988. The majority of the expenditures is for research outside of the companies.

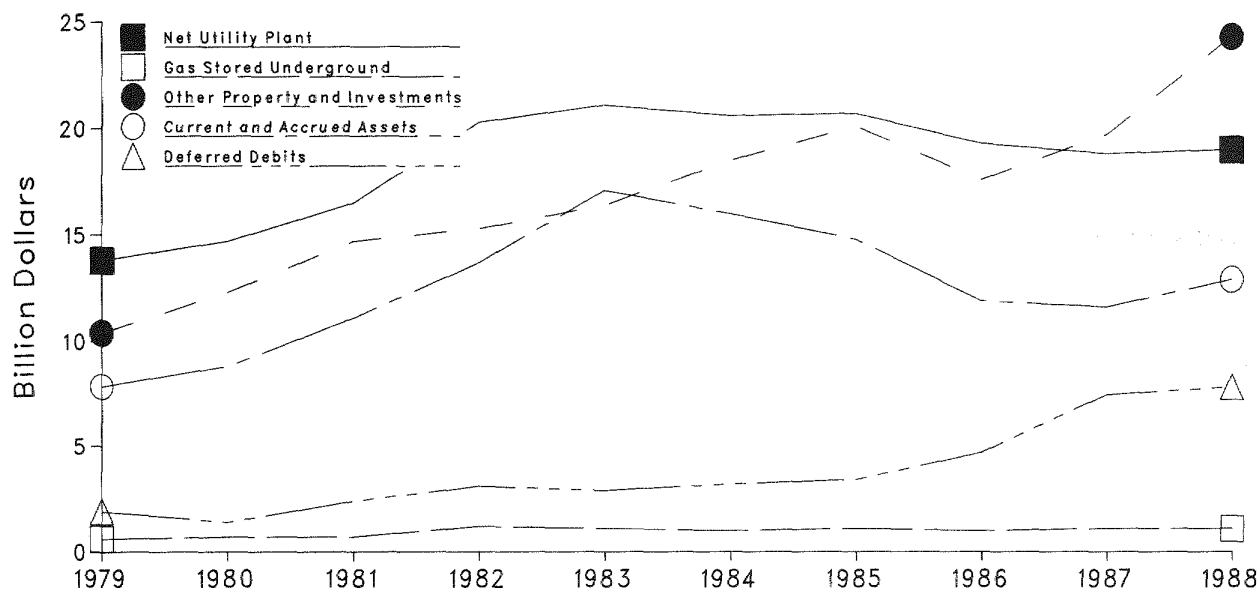
Selected Physical Characteristics

The total recoverable salable gas reserves decreased from 2.4 trillion cubic feet in 1987 to 2.0 trillion cubic

feet in 1988. In 1979, gas reserves available to the major interstate pipeline companies totaled 10.3 trillion cubic feet. (Table 21) No attempt has been made to consolidate accounts. The combined total represents the sum of all accounts as reported by the individual companies and thus includes intercompany transactions.

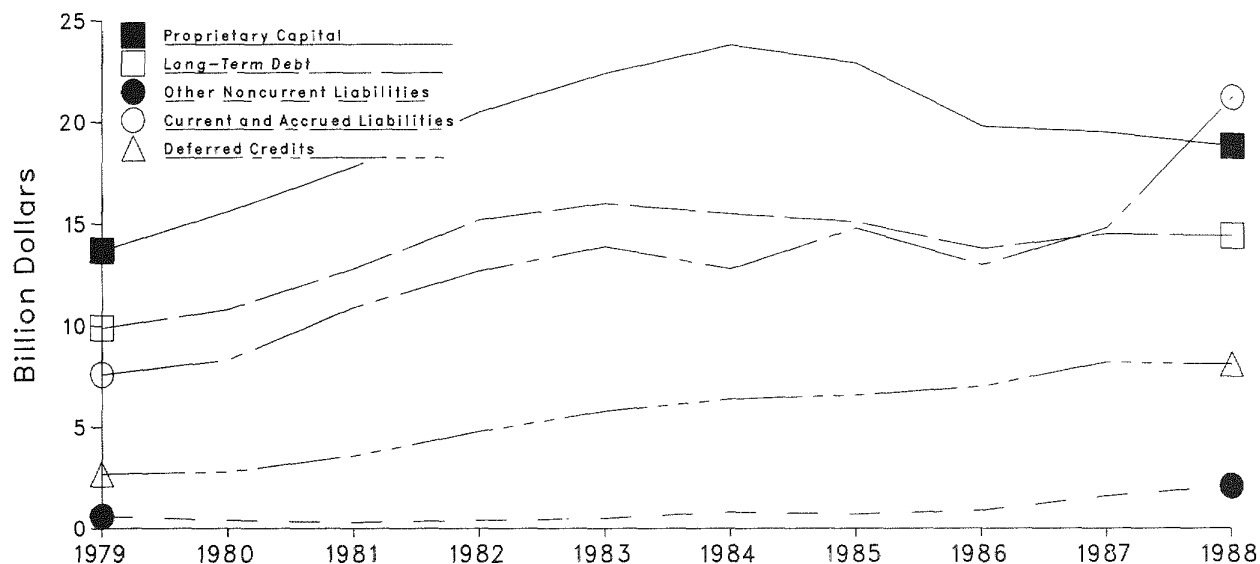
There were 12,022 storage wells in 1987 and 13,964 in 1988, which include injection/withdrawal and observation wells. There were 251,878 miles of pipeline operated by the major companies in 1988, and 248,458 miles in 1987. Table 29 presents this information.

Figure 1. Balance Sheet Assets and Other Debits 1979 - 1988



Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Figure 2. Balance Sheet Liabilities and Other Credits 1979 - 1988



Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 1. Balance Sheet - Major Pipeline Companies
(Thousands of Dollars)

	1988	1987	1986	1985
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$44,298,328	\$42,669,518	\$42,529,422	\$43,197,432
Gas Construction Work in Progress	703,796	585,400	427,644	393,373
Total Gas Utility Plant	45,002,125	43,254,918	42,959,534	43,593,273
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	26,137,145	24,587,848	23,732,136	22,976,205
Net Gas Utility Plant	18,864,979	18,667,070	19,227,398	20,617,068
Other Utility Plant	NE	102,513	109,114	100,426
Other Utility Construction Work in Progress	NE	2,554	3,841	17,114
Total Other Utility Plant	119,812	105,067	112,956	117,539
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	27,719	20,664	22,596	27,724
Net Other Utility Plant	92,093	84,403	90,359	89,815
All Utility Plant	44,417,177	42,772,031	42,641,005	43,300,326
All Utility Plant Construction Work in Progress	704,760	587,954	431,485	410,487
Total All Utility Plant	45,121,936	43,359,985	43,072,490	43,710,813
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	26,164,864	24,608,511	23,754,732	23,003,929
Net All Utility Plant	18,957,073	18,751,474	19,317,757	20,706,884
Gas Stored Underground (noncurrent)	1,071,014	1,071,062	1,027,440	1,060,796
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	362,992	644,756	549,844	678,592
Investments in Associated Companies	1,484,103	1,353,038	1,613,656	1,526,579
Investments in Subsidiary Companies	22,100,795	17,507,924	15,257,007	17,622,534
Other Investments	265,013	137,172	150,599	289,314
Special Funds	106,850	103,956	6,463	19,518
Total Other Property and Investments	24,319,753	19,746,848	17,577,568	20,136,537
Current and Accrued Assets				
Cash	17,687	-36,453	36,250	-48,057
Special Deposits	23,689	109,668	105,197	92,838
Working Funds	4,774	4,428	5,989	11,631
Temporary Cash Investments	430,083	1,074,285	611,169	591,636
Notes and Accounts Receivable (net)	2,970,571	2,908,248	3,410,612	5,185,449
Receivables from Associated Companies	4,392,132	2,715,399	3,093,274	4,070,021
Materials and Supplies	429,185	537,799	531,420	579,886
Gas Stored Underground	1,740,646	1,715,739	1,900,169	1,962,390
Liquefied Natural Gas Stored	2,878	2,362	2,312	3,430
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	916,912	927,597	843,534	1,062,450
Advances for Gas Exploration, Development, and Production	5,492	6,303	10,301	18,815
Other Advances for Gas	19,443	22,637	36,834	61,440
Other Current and Accrued Assets	1,908,068	1,620,852	1,251,507	1,219,536
Total Current and Accrued Assets	12,861,560	11,608,865	11,838,568	14,811,465
Deferred Debits				
Unamortized Debt Expense	95,265	99,053	70,175	72,427
Extraordinary Property Losses	4,310	4,357	90	-510
Unrecovered Plant and Regulatory Study Costs	512	1,297	2,091	3,075
Preliminary Survey and Investigation Charges	21,053	13,646	9,844	11,293
Clearing Accounts	19,070	16,980	-17,465	11,081
Deferred Losses from Disposition of Utility Plant	18	503	674	954
Research, Development, and Demonstration Expenditures	-647	69	74	1,664
Unamortized Loss on Recquired Debt	179,340	189,247	101,640	62,206
Accumulated Deferred Income Taxes	1,744,734	1,368,538	963,741	875,978
Unrecovered Purchased Gas Costs	1,702,407	1,415,289	616,843	646,784
Unrecovered Incremental Gas Costs	NE	NE	NE	-1
Unrecovered Incremental Surcharges	NE	NE	NE	-15
Other Deferred Debits	3,766,747	4,276,640	2,959,087	1,676,199
Total Deferred Debits	7,532,807	7,385,617	4,706,794	3,361,133
Total Assets and Other Debits	64,742,207	58,563,865	54,468,127	60,076,815

See footnotes at end of table.

Table 1. Balance Sheet - Major Pipeline Companies (Continued)
(Thousands of Dollars)

	1988	1987	1986	1985
	Liabilities and Other Credits			
Proprietary Capital				
Common Stock Issued	\$2,064,074	\$2,041,914	\$3,163,762	\$3,419,666
Preferred Stock Issued	430,519	629,056	1,340,172	1,607,599
Capital Stock Subscribed, Liability and Premium	6,059,385	6,145,023	4,649,002	4,791,967
Other Paid-in Capital	2,377,699	2,102,712	1,425,292	1,435,836
Installments Received on Capital Stock	-80,000	-95,000	-105,000	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	30,898	34,896	34,273	35,006
Retained Earnings	7,855,666	9,097,997	9,886,580	10,960,214
Unappropriated, Undistributed Subsidiary Earnings	164,666	-391,248	-428,513	778,037
(Less) Reacquired Capital Stock	20,786	24,915	84,204	67,079
Total Proprietary Capital	18,820,325	19,470,642	19,812,818	22,891,235
Long-Term Debt				
Bonds (less reacquired)	5,714,539	6,253,233	6,872,790	7,800,306
Advances from Associated Companies	2,049,977	2,240,291	1,574,549	2,030,119
Unamortized Premium Long-Term Debt	2,860	2,778	3,161	637
(Less) Unamortized Discount on Long-Term Debt--Dr.	334,824	366,727	304,550	351,081
Other Long-Term Debt	7,013,976	6,341,818	5,672,372	5,609,536
Total Long-Term Debt	14,446,528	14,471,394	13,818,323	15,089,517
Other Noncurrent Liabilities				
Obligations Under Capital Leases	81,246	93,731	80,425	93,033
Accumulated Provision for Property Insurance	595	3,209	13,922	11,188
Accumulated Provision for Injuries and Damages	40,620	36,731	37,289	34,921
Accumulated Provision for Pensions and Benefits	17,377	20,867	33,309	20,185
Accumulated Miscellaneous Operating Provisions	26,142	26,827	50,941	172,034
Accumulated Provision for Rate Refunds	1,937,638	1,417,904	615,064	420,709
Total Other Noncurrent Liabilities	2,103,618	1,599,268	830,951	752,070
Current and Accrued Liabilities				
Notes Payable	1,368,021	3,755,769	3,859,054	4,060,143
Accounts Payable	3,507,733	3,444,100	3,603,753	4,749,883
Payables to Associated Companies	12,987,177	4,362,810	2,613,696	2,680,453
Taxes Accrued	333,722	196,957	489,799	782,550
Interest Accrued	392,114	418,445	386,036	375,810
Dividends Declared	66,142	38,886	39,731	77,615
Tax Collections Payable	19,720	23,726	28,558	38,019
Other Current and Accrued Liabilities	2,556,592	2,604,456	1,941,940	1,994,286
Obligations Under Capital Leases	7,962	11,608	13,192	14,367
Total Current and Accrued Liabilities	21,239,183	14,856,758	12,975,760	14,773,124
Deferred Credits				
Customer Advances for Construction	12,906	12,703	13,579	35,832
Accumulated Deferred Investment Tax Credits	88,822	102,540	105,225	116,371
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	35,049	46,236	64,260	84,147
Accumulated Deferred Income Taxes	6,256,055	6,203,676	5,417,442	5,121,283
Other Deferred Credits	1,739,720	1,800,649	1,429,769	1,213,235
Total Deferred Credits	8,132,553	8,165,804	7,030,275	6,570,868
Total Liabilities and Other Credits	64,742,207	58,563,865	54,468,127	60,076,815

See footnotes at end of table.

Table 1. Balance Sheet - Major Pipeline Companies (Continued)
(Thousands of Dollars)

	1984	1983	1982	1981
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$41,609,633	\$40,554,307	\$36,467,292	\$31,453,059
Gas Construction Work in Progress	492,263	356,817	1,860,304	829,823
Total Gas Utility Plant	42,104,699	40,911,124	38,327,597	32,282,881
(Less) Gas Utility Accumulated Provision for				
Depreciation, Depletion, and Amortization	21,571,317	19,895,623	18,082,382	15,877,294
Net Gas Utility Plant	20,533,383	21,015,501	20,245,214	16,405,587
Other Utility Plant	92,710	87,679	88,650	77,334
Other Utility Construction Work in Progress	7,945	2,971	-881	2,938
Total Other Utility Plant	100,656	90,650	87,769	80,272
(Less) Other Utility Accumulated Provision for				
Depreciation, Depletion, and Amortization	37,112	32,508	27,479	22,314
Net Other Utility Plant	63,544	58,142	60,289	57,958
All Utility Plant	41,705,147	40,641,986	36,555,061	31,530,393
All Utility Plant Construction Work in Progress	500,209	359,788	1,860,304	832,761
Total All Utility Plant	42,205,355	41,001,774	38,415,366	32,363,154
(Less) Other Utility Accumulated Provision for				
Depreciation, Depletion, and Amortization	21,608,428	19,928,131	18,109,862	15,899,608
Net All Utility Plant	20,596,927	21,073,643	20,305,504	16,463,546
Gas Stored Underground (noncurrent)	1,003,434	1,065,543	1,176,815	728,218
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision				
for Depreciation and Amortization	647,516	591,626	603,735	628,315
Investments in Associated Companies	1,317,564	1,382,458	1,193,503	943,291
Investments in Subsidiary Companies	16,204,888	14,181,675	13,220,209	12,642,314
Other Investments	303,862	204,799	323,001	509,186
Special Funds	4,370	4,104	5,032	3,499
Total Other Property and Investments	18,478,199	16,364,662	15,345,480	14,726,605
Current and Accrued Assets				
Cash	-24,236	114,212	31,517	56,581
Special Deposits	370,704	191,904	24,878	30,282
Working Funds	9,890	5,481	5,233	5,466
Temporary Cash Investments	862,560	924,226	442,635	540,768
Notes and Accounts Receivable (net)	5,687,136	8,206,141	6,010,900	4,805,445
Receivables from Associated Companies	3,263,540	2,381,831	1,924,975	1,774,060
Materials and Supplies	704,146	754,343	777,677	678,843
Gas Stored Underground	2,507,663	1,792,189	2,387,553	1,626,353
Liquefied Natural Gas Stored	5,625	3,980	7,543	5,789
Liquefied Natural Gas Held for Processing	NE	20,500	NE	NE
Prepayments	1,501,727	1,535,124	841,771	365,875
Advances for Gas Exploration, Development,				
and Production	65,062	231,478	446,269	593,548
Other Advances for Gas	55,300	48,739	57,605	94,156
Other Current and Accrued Assets	1,024,285	950,306	777,944	548,056
Total Current and Accrued Assets	16,033,401	17,160,454	13,736,500	11,125,222
Deferred Debits				
Unamortized Debt Expense	68,715	77,074	71,113	57,260
Extraordinary Property Losses	-669	-495	3,044	6,262
Unrecovered Plant and Regulatory Study Costs	3,860	NE	NE	NE
Preliminary Survey and Investigation Charges	9,633	10,718	14,617	18,635
Clearing Accounts	7,134	692	8,832	3,472
Deferred Losses from Disposition of Utility Plant	1,235	NE	NE	NE
Research, Development, and Demonstration				
Expenditures	2,050	-187	2,495	4,163
Unamortized Loss on Recquired Debt	31,153	13,482	1,308	113
Accumulated Deferred Income Taxes	723,441	763,041	720,744	597,414
Unrecovered Purchased Gas Costs	851,751	1,183,254	1,724,079	1,289,277
Unrecovered Incremental Gas Costs	NE	2,402	-12,776	7,059
Unrecovered Incremental Surcharges	NE	NE	NE	141
Other Deferred Debits	1,470,856	889,540	513,963	356,650
Total Deferred Debits	3,169,159	2,939,521	3,047,417	2,340,447
Total Assets and Other Debits	59,281,120	58,603,824	53,611,717	45,384,037

See footnotes at end of table.

Table 1. Balance Sheet - Major Pipeline Companies (Continued)
(Thousands of Dollars)

	1984	1983	1982	1981
	Liabilities and Other Credits			
Proprietary Capital				
Common Stock Issued	\$3,410,947	\$3,143,635	\$3,367,065	\$3,044,252
Preferred Stock Issued	1,829,810	1,710,474	1,718,838	1,516,072
Capital Stock Subscribed, Liability and Premium	4,705,256	4,324,248	3,493,596	3,258,893
Other Paid-in Capital	1,465,260	1,486,810	1,135,486	738,318
Installments Received on Capital Stock	NE	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	47,976	57,037	51,522	44,703
Retained Earnings	10,337,241	9,857,230	8,882,311	6,983,431
Unappropriated, Undistributed Subsidiary Earnings	2,193,786	1,989,654	2,021,913	2,388,658
(Less) Reacquired Capital Stock	88,880	65,392	43,694	47,883
Total Proprietary Capital	23,805,444	22,389,621	20,523,993	17,837,037
Long-Term Debt				
Bonds (less reacquired)	8,851,568	9,572,095	8,745,164	7,612,113
Advances from Associated Companies	1,448,196	1,251,680	1,339,479	1,153,471
Unamortized Premium Long-Term Debt	655	1,842	1,004	698
(Less) Unamortized Discount on Long-Term Debt--Dr.	288,833	301,184	299,034	291,591
Other Long-Term Debt	5,472,715	5,456,417	5,447,859	4,282,158
Total Long-Term Debt	15,484,300	15,980,850	15,234,472	12,756,849
Other Noncurrent Liabilities				
Obligations Under Capital Leases	96,859	NE	NE	NE
Accumulated Provision for Property Insurance	6,417	NE	NE	NE
Accumulated Provision for Injuries and Damages	21,260	NE	NE	NE
Accumulated Provision for Pensions and Benefits	19,050	NE	NE	NE
Accumulated Miscellaneous Operating Provisions	103,466	NE	NE	NE
Accumulated Provision for Rate Refunds	533,777	NE	NE	NE
Total Other Noncurrent Liabilities	780,829	470,845	404,485	312,685
Current and Accrued Liabilities				
Notes Payable	1,179,400	1,563,633	1,730,898	1,703,361
Accounts Payable	6,289,779	6,437,455	6,185,949	5,430,407
Payables to Associated Companies	1,998,033	2,226,524	1,851,094	1,646,739
Taxes Accrued	989,134	1,020,110	658,903	380,266
Interest Accrued	472,109	475,388	444,861	350,184
Dividends Declared	72,714	89,443	55,141	76,058
Tax Collections Payable	42,272	43,159	31,783	31,569
Other Current and Accrued Liabilities	1,790,571	2,093,612	1,736,699	1,323,787
Obligations Under Capital Leases	12,141	NE	NE	NE
Total Current and Accrued Liabilities	12,846,152	13,949,324	12,695,328	10,942,371
Deferred Credits				
Customer Advances for Construction	36,835	16,875	15,276	4,989
Accumulated Deferred Investment Tax Credits	163,062	191,012	184,622	130,859
Deferred Gains from Disposition of Utility Plant	941	NE	NE	NE
Unamortized Gain on Reacquired Debt	110,208	113,637	130,598	119,710
Accumulated Deferred Income Taxes	4,790,337	4,294,352	3,777,180	2,909,303
Other Deferred Credits	1,263,012	1,197,307	645,762	370,232
Total Deferred Credits	6,364,395	5,813,182	4,753,438	3,535,093
Total Liabilities and Other Credits	59,281,120	58,603,824	53,611,717	45,384,037

See footnotes at end of table.

Table 1. Balance Sheet - Major Pipeline Companies (Continued)
(Thousands of Dollars)

	1980	1979
	Assets and Other Debits	
Utility Plant		
Gas Utility Plant	\$28,470,003	\$26,498,808
Gas Construction Work in Progress	727,361	623,669
Total Gas Utility Plant	29,197,364	27,122,477
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	14,569,491	13,394,767
Net Gas Utility Plant	14,627,873	13,727,710
Other Utility Plant	55,476	39,064
Other Utility Construction Work in Progress	12,071	7,825
Total Other Utility Plant	67,546	46,889
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	15,637	12,106
Net Other Utility Plant	51,910	34,783
All Utility Plant	28,537,549	26,537,871
All Utility Plant Construction Work in Progress	727,361	631,495
Total All Utility Plant	29,264,910	27,169,366
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	14,585,128	13,406,872
Net All Utility Plant	14,679,782	13,762,494
Gas Stored Underground (noncurrent)	712,333	595,606
Utility Plant Adjustments	485	1,040
Other Property and Investments		
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	441,300	443,419
Investments in Associated Companies	290,402	249,183
Investments in Subsidiary Companies	10,922,351	8,725,793
Other Investments	678,257	1,016,609
Special Funds	2,385	565
Total Other Property and Investments	12,334,694	10,435,570
Current and Accrued Assets		
Cash	61,890	113,952
Special Deposits	15,989	15,738
Working Funds	5,661	5,042
Temporary Cash Investments	571,081	371,713
Notes and Accounts Receivable (net)	3,780,201	3,105,408
Receivables from Associated Companies	1,431,294	1,607,528
Materials and Supplies	588,799	483,375
Gas Stored Underground	1,126,335	981,758
Liquefied Natural Gas Stored	4,309	5,217
Liquefied Natural Gas Held for Processing	NE	NE
Prepayments	186,571	119,453
Advances for Gas Exploration, Development, and Production	614,043	607,347
Other Advances for Gas	97,942	63,275
Other Current and Accrued Assets	327,688	305,684
Total Current and Accrued Assets	8,811,803	7,785,491
Deferred Debits		
Unamortized Debt Expense	44,314	39,262
Extraordinary Property Losses	9,481	12,466
Unrecovered Plant and Regulatory Study Costs	NE	NE
Preliminary Survey and Investigation Charges	24,672	23,775
Clearing Accounts	4,149	5,949
Deferred Losses from Disposition of Utility Plant	NE	NE
Research, Development, and Demonstration Expenditures	5,833	20,252
Unamortized Loss on Reacquired Debt	243	352
Accumulated Deferred Income Taxes	512,456	558,041
Unrecovered Purchased Gas Costs	560,921	1,020,032
Unrecovered Incremental Gas Costs	250	NE
Unrecovered Incremental Surcharges	-2,148	NE
Other Deferred Debits	228,322	199,951
Total Deferred Debits	1,388,494	1,880,079
Total Assets and Other Debits	37,927,593	34,460,280

See footnotes at end of table.

Table 1. Balance Sheet - Major Pipeline Companies (Continued)
(Thousands of Dollars)

	1980	1979
	Liabilities and Other Credits	
Proprietary Capital		
Common Stock Issued	\$2,845,725	\$2,492,991
Preferred Stock Issued	1,479,739	1,243,667
Capital Stock Subscribed, Liability and Premium	2,708,434	2,274,567
Other Paid-in Capital	673,490	592,874
Installments Received on Capital Stock	NE	NE
Discount on Capital Stock	NE	NE
(Less) Capital Stock Expense	44,631	45,038
Retained Earnings	6,013,335	5,480,535
Unappropriated, Undistributed Subsidiary Earnings	1,984,550	1,700,450
(Less) Reacquired Capital Stock	27,700	30,993
Total Proprietary Capital	15,632,942	13,709,052
Long-Term Debt		
Bonds (less reacquired)	6,350,384	6,097,503
Advances from Associated Companies	900,343	949,008
Unamortized Premium Long-Term Debt	860	1,109
(Less) Unamortized Discount on Long-Term Debt--Dr.	35,800	10,059
Other Long-Term Debt	3,620,707	2,796,400
Total Long-Term Debt	10,836,495	9,833,961
Other Noncurrent Liabilities		
Obligations Under Capital Leases	NE	NE
Accumulated Provision for Property Insurance	NE	NE
Accumulated Provision for Injuries and Damages	NE	NE
Accumulated Provision for Pensions and Benefits	NE	NE
Accumulated Miscellaneous Operating Provisions	NE	NE
Accumulated Provision for Rate Refunds	NE	NE
Total Other Noncurrent Liabilities	403,024	594,094
Current and Accrued Liabilities		
Notes Payable	1,000,040	1,271,125
Accounts Payable	4,313,553	3,153,543
Payables to Associated Companies	1,033,856	1,131,765
Taxes Accrued	702,395	837,611
Interest Accrued	279,640	253,337
Dividends Declared	34,752	37,179
Tax Collections Payable	27,301	21,280
Other Current and Accrued Liabilities	861,886	912,554
Obligations Under Capital Leases	NE	NE
Total Current and Accrued Liabilities	8,253,423	7,618,395
Deferred Credits		
Customer Advances for Construction	4,583	6,035
Accumulated Deferred Investment Tax Credits	127,796	120,235
Deferred Gains from Disposition of Utility Plant	NE	NE
Unamortized Gain on Reacquired Debt	102,764	83,326
Accumulated Deferred Income Taxes	2,331,119	2,261,035
Other Deferred Credits	235,447	234,147
Total Deferred Credits	2,801,709	2,704,778
Total Liabilities and Other Credits	37,927,593	34,460,280

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals. From 1984 to 1986, detail may not add to totals due to lack of detail in the data for Arkla, Inc.. Total values are correct.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

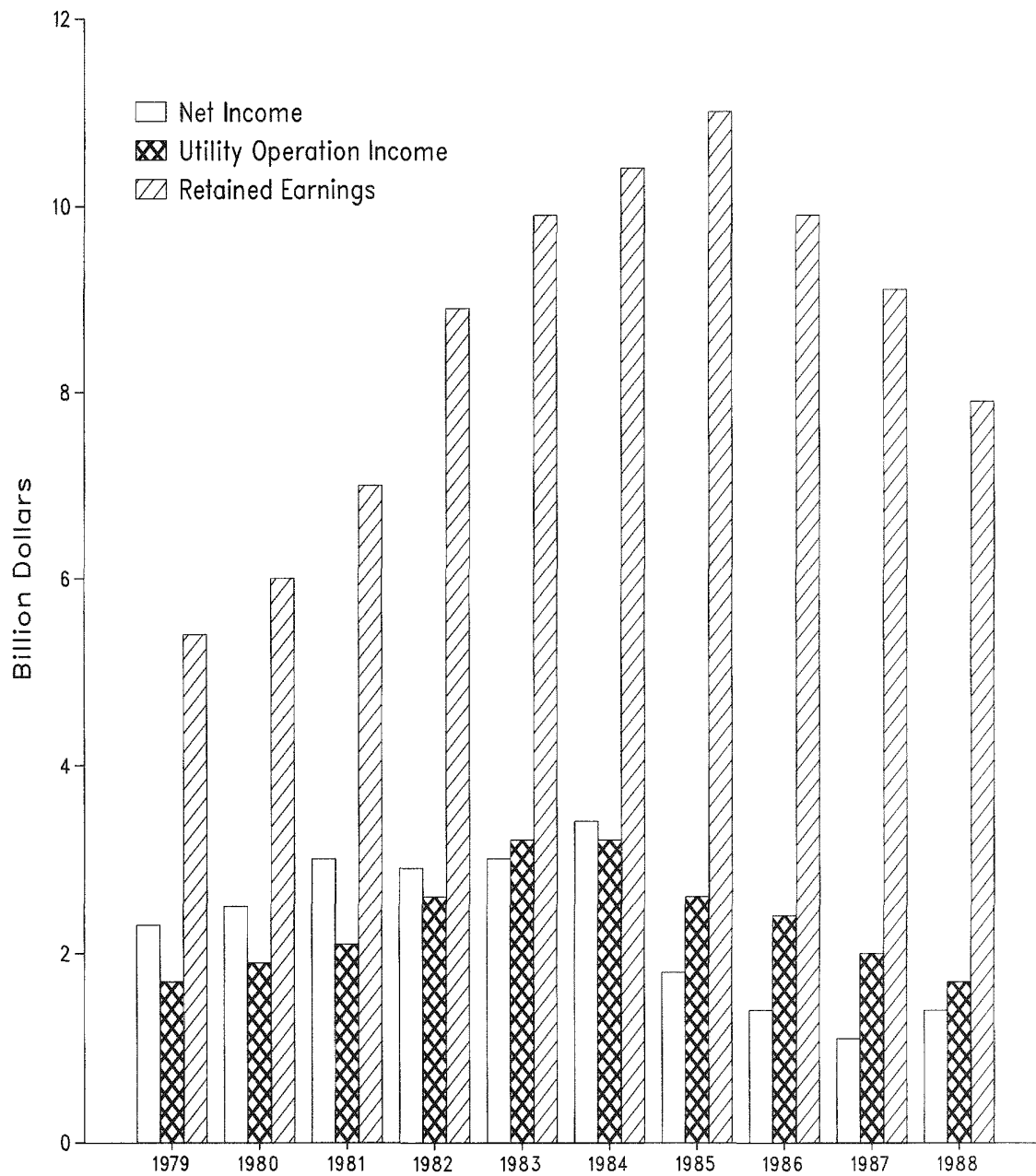
Table 2. Capital Account for Major Pipeline Companies, as of December 31
(Billions of Dollars)

Item	1988		1987	
	Amount	Percent	Amount	Percent
Long-Term Debt	\$14.4	43.4	\$14.5	42.5
Preferred Stock Issued	.4	1.3	.6	1.8
Common Stock Issued	2.1	6.2	2.0	6.0
Unappropriated, Undistributed Subsidiary Earnings	.2	.5	-.4	-1.1
Other Proprietary Capital (net)	8.3	25.0	8.2	24.1
Retained Earnings	7.9	23.6	9.1	26.7
Total	33.3	100.0	34.0	100.0

Note: Due to rounding, detail may not add to totals. Other Proprietary Capital (Net) is same as Other Paid-In Capital as in previous statistical publications. The items are: Capital Stock Subscribed, Liability and Premium; Other Paid-In Capital; Installments Received on Capital Stock; Capital Stock Expense; and Reacquired Capital Stock.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Figure 3. Composite Income and Retained Earnings 1979 - 1988



Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

**Table 3. Composite Statement of Income and Retained Earnings,
Major Pipeline Companies**
(Thousands of Dollars)

Item	1988	1987	1986	1985
Gas Utility Operating Income				
Gas Operating Revenues	\$26,738,501	\$26,704,375	\$33,456,787	\$48,991,718
Gas Operating Expenses				
Operation Expense	22,140,041	21,263,160	26,897,557	41,946,138
Maintenance Expense	602,168	531,250	562,768	581,949
Depreciation Expense	1,532,804	1,458,142	1,579,199	1,587,041
Amortization and Depletion of Gas Plant	18,137	20,230	51,114	67,491
Amortization of Gas Plant Acquisition Adjustments	11	11	12	11
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	1,137	761	165	986
Amortization of Gas Conversion Expenses	28	22	16	13
Taxes Other Than Income Taxes	594,904	549,465	551,753	669,562
Income Taxes--Federal	191,416	230,779	859,918	1,122,392
Income Taxes--Other	55,072	25,342	92,477	111,277
Provision for Deferred Income Taxes	2,034,257	2,145,818	1,715,219	1,582,277
(Less) Provision for Deferred Income Taxes	2,120,906	1,552,303	1,256,824	1,375,059
Investment Tax Credit Adjustments--Net	-6,750	8,701	-4,164	127,461
(Less) Gains from Disposition of Gas Utility Plant	10	20	3,478	64
Losses from Disposition of Gas Utility Plant	438	300	204	536
Total Gas Operating Expense	25,031,309	24,681,658	31,045,935	46,422,011
Net Gas Operating Revenues	1,681,313	2,022,717	2,410,851	2,569,707
Other Utility Operating Income	8,190	735	1,244	220
Total Utility Operating Income	1,689,504	2,023,452	2,412,095	2,569,927
Other Income and Deductions				
Other Income				
Nonutility Operating Income	\$84,889	\$133,860	\$70,338	\$94,378
Equity in Earnings of Subsidiary Companies	1,221,232	427,517	390,987	225,477
Interest and Dividend Income	572,112	388,639	439,367	575,346
Allowance for Funds Used During Construction	19,237	10,784	13,858	10,999
Miscellaneous Nonoperating Income	212,960	3,305	90,876	396,391
Gain on Disposition of Property	11,197	50,131	-27,539	77,633
Total Other Income	2,121,627	1,014,236	977,887	1,380,223
Other Income Deductions				
Loss on Disposition of Property	4,847	7,211	4,965	4,163
Miscellaneous Amortization	4,293	103	1,907	508
Miscellaneous Income Deductions	494,880	25,136	174,945	132,912
Total Other Income Deductions	504,020	32,451	181,816	137,584
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	23,678	27,111	20,148	21,186
Income Taxes--Federal	-114,291	-314,777	-322,669	25,202
Income Taxes--Other	3,149	-7,306	-47,355	-1,950
Provision for Deferred Income Taxes	-57,789	100,562	68,455	42,595
(Less) Provision for Deferred Income Taxes	106,183	71,565	70,268	75,466
Investment Tax Credit Adjustments--Net	236	-57	147	8,495
(Less) Investment Tax Credits	4,872	13,031	5,680	143,783
Total Taxes Applicable to Other Income and Deductions	-256,072	-279,064	-357,223	-123,721
Net Other Income and Deductions	1,873,679	1,260,849	1,153,294	1,366,360
Interest Charges				
Interest on Long-Term Debt	1,189,975	1,319,200	1,407,360	1,514,534
Amortization of Debt Discount and Expense	-25,261	54,675	61,705	15,567
Amortization of Loss on Reacquired Debt	25,631	22,556	11,621	8,031
(Less) Amortization of Premium on Debt	823	382	170	162
(Less) Amortization of Gain on Reacquired Debt	13,025	18,128	25,416	34,734
Interest on Debt to Associated Companies	269,917	257,969	194,186	204,166
Other Interest Expense	704,752	538,377	435,959	401,595
Allowance for Borrowed Funds Used During Construction Credit ¹	28,214	24,055	20,753	30,392
Net Interest Charges	2,122,952	2,150,210	2,064,492	2,078,607
Income Before Extraordinary Items	1,440,231	1,134,091	1,500,897	1,857,681
Extraordinary Items				
Extraordinary Income	-51	NE	NE	56,085
Extraordinary Deductions	30,538	9,941	98,137	278,709
Net Extraordinary Items	-30,589	-9,941	-98,137	-222,625

See footnotes at end of table.

**Table 3. Composite Statement of Income and Retained Earnings,
Major Pipeline Companies (Continued)**
(Thousands of Dollars)

Item	1988	1987	1986	1985
Other Income and Deductions				
Income Taxes--Federal and Other	-\$5,597	-\$4,278	-\$45,390	-\$123,371
Extraordinary Items After Taxes	-24,992	-5,663	-52,746	-99,254
Net Income ²	1,415,239	1,128,428	1,448,151	1,758,427
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$9,140,998	\$9,938,902	\$10,667,711	\$10,383,025
Balance Transferred from Income	194,007	700,911	1,058,818	1,536,932
Credits to Retained Earnings	569,606	34,279	52,612	2,492
Debits to Retained Earnings	21,529	79,801	222,421	56,010
Appropriations of Retained Earnings	5,538	NE	1,687	11,755
Dividends Declared--Preferred Stock	142,914	207,071	231,319	289,280
Dividends Declared--Common Stock	2,284,804	1,640,232	1,845,072	2,107,011
Unappropriated, Undistributed Subsidiary Earnings	460,728	393,901	460,259	1,550,037
Unappropriated Retained Earnings--End of Year	7,910,555	9,140,889	9,938,902	11,008,431
Appropriated Retained Earnings	NE	NE	2	14
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	7,910,555	9,106,960	9,938,904	11,008,445

See footnotes at end of table.

**Table 3. Composite Statement of Income and Retained Earnings,
Major Pipeline Companies (Continued)**
(Thousands of Dollars)

Item	1984	1983	1982	1981
Gas Utility Operating Income				
Gas Operating Revenues	\$56,102,178	\$56,792,402	\$56,203,429	\$46,464,995
Gas Operating Expenses				
Operation Expense	47,847,663	48,813,542	49,398,232	40,734,991
Maintenance Expense	563,429	577,951	589,624	507,413
Depreciation Expense	1,673,403	1,709,167	1,568,218	1,361,967
Amortization and Depletion of Gas Plant	57,327	65,172	67,728	66,951
Amortization of Gas Plant Acquisition Adjustments	81	7	7	8
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	357	3,218	3,218	3,218
Amortization of Gas Conversion Expenses	13	13	13	334
Taxes Other Than Income Taxes	698,484	599,055	542,402	394,583
Income Taxes--Federal	1,277,551	1,271,791	552,797	442,116
Income Taxes--Other	117,079	121,039	74,997	62,381
Provision for Deferred Income Taxes	1,764,673	1,734,118	2,885,845	1,718,811
(Less) Provision for Deferred Income Taxes	1,219,620	1,375,259	2,300,253	1,203,760
Investment Tax Credit Adjustments--Net	103,248	113,091	233,204	230,627
(Less) Gains from Disposition of Gas Utility Plant	9	NE	830	NE
Losses from Disposition of Gas Utility Plant	1,340	258	NE	129
Total Gas Operating Expense	52,885,019	53,633,165	53,615,206	44,319,771
Net Gas Operating Revenues	3,217,159	3,159,236	2,588,222	2,145,225
Other Utility Operating Income	321	1,370	10,678	-72,622
Total Utility Operating Income	3,217,480	3,160,607	2,598,900	2,072,603
Other Income and Deductions				
Other Income				
Nonutility Operating Income	\$99,173	\$93,703	\$121,165	\$115,959
Equity in Earnings of Subsidiary Companies	1,035,367	965,297	861,916	1,302,234
Interest and Dividend Income	690,291	614,109	651,591	609,152
Allowance for Funds Used During Construction	9,889	12,243	68,662	16,939
Miscellaneous Nonoperating Income	394,800	422,020	552,088	415,000
Gain on Disposition of Property	7,383	11,274	1,439	749
Total Other Income	2,236,903	2,118,648	2,256,863	2,460,033
Other Income Deductions				
Loss on Disposition of Property	231	3,835	323	347
Miscellaneous Amortization	1,001	2,722	3,712	3,340
Miscellaneous Income Deductions	75,993	177,064	44,850	32,461
Total Other Income Deductions	77,225	183,623	48,886	36,148
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	25,659	16,880	20,352	20,214
Income Taxes--Federal	43,457	28,472	55,380	141,183
Income Taxes--Other	-6,200	3,907	8,439	5,593
Provision for Deferred Income Taxes	45,994	37,097	74,644	59,439
(Less) Provision for Deferred Income Taxes	30,405	20,653	32,547	40,601
Investment Tax Credit Adjustments--Net	4,421	222	26,988	7,214
(Less) Investment Tax Credits	121,243	120,735	243,340	-249,914
Total Taxes Applicable to Other Income and Deductions	-38,318	-54,808	-90,082	-56,873
Net Other Income and Deductions	2,197,996	1,989,833	2,298,058	2,480,759
Interest Charges				
Interest on Long-Term Debt	1,630,804	1,640,214	1,490,397	1,091,841
Amortization of Debt Discount and Expense	15,188	16,880	13,792	10,219
Amortization of Loss on Reacquired Debt	4,603	632	258	130
(Less) Amortization of Premium on Debt	167	221	220	194
(Less) Amortization of Gain on Reacquired Debt	42,265	35,418	31,015	40,751
Interest on Debt to Associated Companies	149,504	172,475	178,572	167,881
Other Interest Expense	303,241	360,910	445,115	432,662
Allowance for Borrowed Funds Used During Construction Credit ¹	28,139	27,458	189,286	112,103
Net Interest Charges	2,032,771	2,128,013	1,907,615	1,549,685
Income Before Extraordinary Items	3,382,705	3,022,427	2,989,344	3,003,676
Extraordinary Items				
Extraordinary Income	NE	NE	NE	2,095
Extraordinary Deductions	NE	NE	112,386	-3,651
Net Extraordinary Items	NE	NE	-112,386	5,746

See footnotes at end of table.

**Table 3. Composite Statement of Income and Retained Earnings,
Major Pipeline Companies (Continued)**
(Thousands of Dollars)

Item	1984	1983	1982	1981
Other Income and Deductions				
Income Taxes--Federal and Other	NE	NE	-\$51,697	\$997
Extraordinary Items After Taxes	NE	NE	-60,688	4,749
Net Income ²	\$3,382,705	\$3,022,427	2,928,655	3,008,425
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$9,712,849	\$9,096,970	\$7,769,950	\$6,111,644
Balance Transferred from Income	2,352,143	2,061,214	2,051,244	1,720,428
Credits to Retained Earnings	94,937	523	11	953
Debits to Retained Earnings	78,904	16,660	30,079	20,879
Appropriations of Retained Earnings	6,513	2,099	NE	NE
Dividends Declared--Preferred Stock	350,640	347,645	188,547	172,010
Dividends Declared--Common Stock	2,521,798	1,938,314	1,673,731	1,547,252
Unappropriated, Undistributed Subsidiary Earnings	1,193,961	1,043,173	953,411	890,485
Unappropriated Retained Earnings--End of Year	10,396,034	9,897,160	8,882,261	6,983,369
Appropriated Retained Earnings	26	37	49	62
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	10,396,060	9,897,198	8,882,311	6,983,431

See footnotes at end of table.

**Table 3. Composite Statement of Income and Retained Earnings,
Major Pipeline Companies (Continued)**
(Thousands of Dollars)

Item	1980	1979
Gas Utility Operating Income		
Gas Operating Revenues	\$38,265,236	\$29,358,624
Gas Operating Expenses		
Operation Expense	32,875,789	24,401,375
Maintenance Expense	427,609	362,595
Depreciation Expense	1,167,546	1,096,801
Amortization and Depletion of Gas Plant	61,400	53,099
Amortization of Gas Plant Acquisition Adjustments	8	8
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	2,985	2,939
Amortization of Gas Conversion Expenses	185	13
Taxes Other Than Income Taxes	646,926	551,871
Income Taxes--Federal	803,106	494,784
Income Taxes--Other	88,577	46,432
Provision for Deferred Income Taxes	1,352,997	1,321,780
(Less) Provision for Deferred Income Taxes	1,228,653	858,788
Investment Tax Credit Adjustments--Net	190,079	140,446
(Less) Gains from Disposition of Gas Utility Plant	3	1
Losses from Disposition of Gas Utility Plant	NE	NE
Total Gas Operating Expense	36,388,551	27,613,355
Net Gas Operating Revenues	1,876,685	1,745,269
Other Utility Operating Income	999	865
Total Utility Operating Income	1,877,684	1,746,134
Other Income and Deductions		
Other Income		
Nonutility Operating Income	\$157,797	\$156,566
Equity in Earnings of Subsidiary Companies	1,052,775	842,195
Interest and Dividend Income	413,322	292,616
Allowance for Funds Used During Construction	16,870	18,184
Miscellaneous Nonoperating Income	333,884	277,028
Gain on Disposition of Property	583	1,213
Total Other Income	1,975,231	1,587,802
Other Income Deductions		
Loss on Disposition of Property	784	401
Miscellaneous Amortization	615	593
Miscellaneous Income Deductions	37,238	21,012
Total Other Income Deductions	38,637	22,006
Taxes Applicable to Other Income and Deductions		
Taxes Other Than Income Taxes	17,983	15,673
Income Taxes--Federal	132,804	102,065
Income Taxes--Other	9,998	6,785
Provision for Deferred Income Taxes	30,602	188,564
(Less) Provision for Deferred Income Taxes	36,886	150,856
Investment Tax Credit Adjustments--Net	7,696	10,590
(Less) Investment Tax Credits	-165,475	-126,750
Total Taxes Applicable to Other Income and Deductions	-3,276	46,071
Net Other Income and Deductions	939,870	1,519,725
Interest Charges		
Interest on Long-Term Debt	867,458	769,265
Amortization of Debt Discount and Expense	8,395	8,161
Amortization of Loss on Reacquired Debt	161	118
(Less) Amortization of Premium on Debt	242	284
(Less) Amortization of Gain on Reacquired Debt	20,675	16,684
Interest on Debt to Associated Companies	109,115	91,767
Other Interest Expense	304,073	188,541
Allowance for Borrowed Funds Used During Construction Credit ¹	48,560	41,552
Net Interest Charges	1,219,727	999,333
Income Before Extraordinary Items	2,597,827	2,266,526
Extraordinary Items		
Extraordinary Income	NE	NE
Extraordinary Deductions	129,043	NE
Net Extraordinary Items	-129,043	NE

See footnotes at end of table.

**Table 3. Composite Statement of Income and Retained Earnings,
Major Pipeline Companies (Continued)**
(Thousands of Dollars)

Item	1980	1979
Other Income and Deductions		
Income Taxes--Federal and Other	NE	NE
Extraordinary Items After Taxes	-\$129,043	NE
Net Income ²	2,468,784	\$2,266,526
Retained Earnings		
Unappropriated Retained Earnings-- Beginning of Year	\$5,482,502	\$4,551,203
Balance Transferred from Income	1,419,568	1,425,714
Credits to Retained Earnings	33,026	7,214
Debits to Retained Earnings	70,317	53,251
Appropriations of Retained Earnings	NE	NE
Dividends Declared--Preferred Stock	148,330	119,027
Dividends Declared--Common Stock	1,476,009	1,092,439
Unappropriated, Undistributed Subsidiary Earnings	772,822	761,035
Unappropriated Retained Earnings--End of Year	6,013,261	5,480,449
Appropriated Retained Earnings	74	86
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE
Total Retained Earnings	6,013,335	5,480,535

¹ New account appearing for the first time in 1977, Commission Order No. 561, issued 2/2/77.

² For the year 1982, the net income from statement of financial position is greater by \$60,480,001 compared with net income from statement of income and retained earnings because United Gas Pipeline Company reflects its extraordinary items deductions (after taxes) as other sources of funds.

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 4. Income Account Relationships, Major Pipeline Companies

Relationship	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979
Percent of Gas Operating Revenues										
Operation and Maintenance Expenses	85.1	81.6	82.1	86.8	86.3	87.0	88.9	88.8	87.0	84.3
Depreciation, Amortization, and Depletion	5.8	5.5	4.9	3.4	3.1	3.1	2.9	3.1	3.2	3.9
Federal Income Taxes	-7.2	-4.9	-1.2	-5	.1	-2	-3.1	-1.6	-1.1	-1.2
Other Taxes	2.4	2.2	1.9	1.6	1.5	1.3	1.1	1.0	1.9	2.1
Provision for Deferred Taxes on Income	7.6	8.0	5.1	3.2	3.1	3.1	5.1	3.7	3.5	4.5
Investments Tax Credit Adjustments(net)	.0	.0	.0	.3	.2	.2	.4	.5	.5	.5
Total Gas Operating Expenses	93.7	92.4	92.8	94.8	94.3	94.4	95.4	95.4	95.1	94.1
Net Gas Utility Operating Income	6.3	7.6	7.2	5.2	5.7	5.6	4.6	4.6	4.9	5.9
Net Gas Utility Operating Income										
Percent of Average Net Gas Investment	5.8	7.4	9.0	9.8	12.7	13.1	11.0	11.2	11.0	11.3
Depreciation, Amortization and Depletion										
Percent of Gas Utility Plant	3.4	3.4	3.8	3.8	4.1	4.3	4.3	4.4	4.2	3.9
Interest on Long-Term Debt--Times Earned Income	2.2	1.9	2.0	2.2	3.1	2.8	3.0	3.8	3.8	3.9
Dividend Appropriations--Preferred Stock-- Percent of Net Income	10.1	18.4	16.0	16.5	10.4	11.5	6.4	5.7	6.0	5.3
Dividend Appropriations--Common Stock-- Percent of Earnings Available for Common Stock	79.6	78.0	51.6	43.4	83.2	72.5	61.1	54.5	63.6	50.9
Percent of Average Common Equity										
Earnings Available for Common Stock ¹	6.8	4.9	6.1	6.8	14.2	13.5	15.6	18.6	17.4	18.2
Dividend Appropriations--Common Stock	12.3	8.8	9.3	9.7	11.8	9.8	9.5	10.1	11.1	9.2

¹ The rate of return includes nonpipeline portions of companies.

NA Not available

Note: Negative values are credits. Data not adjusted for effect of rate case settlements. Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 5. Composite Statement of Cash Flows, December 31
(Thousands of Dollars)

Item	1988
Cash Flows from Operating Activities:	
Net Income	\$1,415,239
Noncash Charges (credits) to Income:	
Depreciation and Depletion	1,567,345
Amortization	171,513
Deferred Income Taxes (net)	-335,911
Investment Tax Credit Adjustments (net)	-11,732
Net (Increase) Decrease in Receivables	-1,738,751
Net (Increase) Decrease in Inventory	-42,147
Net Increase (Decrease) in Payables and Accrued Expenses	6,730,136
(Less) Allowance for Other Funds Used During Construction	19,386
(Less) Undistributed Earnings from Subsidiary Companies	1,162,941
Other Noncash Charges to Income	582,568
Net Cash Provided by (used in) Operating Activities	6,943,879
Cash Flows from Investment Activities:	
Construction and Acquisition of Plant:	
Gross Additions to Utility Plant	-1,732,673
Gross Additions to Nuclear Fuel	-24,316
Gross Additions to Common Utility Plant	-63,956
Gross Additions to Nonutility Plant	-35,069
(Less) Allowance for Other Funds Used During Construction	-17,391
Other	-3,807
Cash Outflows for Plant	-1,842,430
Acquisition of other Noncurrent Assets	-65,362
Proceeds from Disposal of Noncurrent Assets	25,737
Investments in and Advances to Associated and Subsidiary Companies	-5,991,959
Contributions and Advances from Associated and Subsidiary Companies	569,937
Disposition of Investments in (and Advances to)	
Associated and Subsidiary Companies	1,514,927
Purchase Of Investment Securities	-151,182
Proceeds from Sales of Investment Securities	353,124
Loans Made or Purchased	-166,360
Collections on Loans	211,152
Net (Increase) Decrease In Receivables	-118,414
Net (Increase) Decrease in Inventory	NE
Net Increase (Decrease) in Payables and Accrued Expenses	33,396
Other	-224,563
Net Cash Provided By (Used in) Investing Activities	-5,851,996
Cash Flows from Financing Activities:	
Proceeds from Issuance of:	
Long-Term Debt	2,821,914
Preferred Stock	240,000
Common Stock	64,833
Other	-91,739
Net Increase in Short-Term Debt	527,088
Other	236,844
Cash Provided by Outside Sources	3,798,941
Payments for the Retirement of:	
Long-Term Debt	-2,787,069
Preferred Stock	-247,204
Common Stock	-19,933
Other	-124,535
Net Decrease in Short-Term Debt	-822,608
Dividends on Preferred Stock	-99,312
Dividends on Common Stock	-1,376,071
Net Cash Provided by (Used in) Financing Activities	-1,677,860
Net Increase (Decrease) in Cash and Cash Equivalents	-585,977
Cash and Cash Equivalents at Beginning of Year	1,187,618
Cash and Cash Equivalents at End of Year	601,640

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 6. Composite Gas Customers, Sales and Operating Revenues, Year Ended December 31

Item	1988	1987	1986	1985
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	2,968,047	1,826,133	1,821,133	3,119,298
Commercial and Industrial Customers				
Small (or commercial)	281,353	189,833	189,815	328,327
Large (or industrial)	3,502	3,073	3,236	8,670
Other Public Authorities	70	79	80	388
Interdepartmental Customers	NE	NE	NE	2
Total Ultimate Consumers	3,252,972	2,019,118	2,014,264	3,456,685
Sales for Resale Customers	2,638	3,082	3,062	2,883
Total Natural Gas Customers	3,255,610	2,022,200	2,017,326	3,459,568
Volume of Natural Gas Sales (millions of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	292,194	205,533	210,784	331,749
Commercial and Industrial Sales				
Small (or commercial) Sales	166,257	108,132	125,116	216,734
Large (or industrial) Sales	294,778	306,324	401,469	854,370
Sales to Other Public Authorities	5,680	5,853	9,459	29,114
Interdepartmental Sales	NE	NE	NE	107
Total Sales to Ultimate Consumers	758,909	625,841	746,829	1,432,075
Sales for Resale	5,609,773	5,843,123	7,069,430	9,896,420
Total Natural Gas Sales	6,368,682	6,468,964	7,816,259	11,328,495
Natural Gas Operating Revenues (thousands of dollars)				
Revenues from Sales to Ultimate Consumers				
Residential	\$1,553,285	\$1,094,230	\$1,122,088	\$1,878,975
Commercial and Industrial				
Small (or commercial)	749,076	496,349	574,177	1,075,449
Large (or industrial)	794,538	967,966	1,335,051	3,390,518
Other Public Authorities	7,153	19,447	31,077	105,365
Interdepartmental	-11,761	13,560	32,835	437
Total Revenues from Sales to Ultimate Consumers	3,092,291	2,591,552	3,095,230	6,450,743
Revenues from Sales for Resale	19,419,846	20,350,737	26,412,508	38,545,292
Total Revenues from Sales of Natural Gas	22,512,136	22,942,289	29,507,738	44,996,035
Other Revenues				
Intracompany Transfers	103,616	116,788	316,795	576,123
Revenues from Transportation of Gas of Others	4,059,387	3,621,506	3,026,555	2,271,893
Sales of Products Extracted from Natural Gas	228,844	280,633	260,895	490,287
Revenues from Natural Gas Processed by Others	90,774	118,737	165,118	210,864
Revenues from Incidental Gasoline and Oil Sales	22,883	19,960	32,956	66,444
Other Natural Gas Revenues	482,912	457,664	548,870	494,146
Revenues from Manufactured Gas Operations	NE	7,858	NE	NE
Total Other Revenues	4,988,416	4,623,145	4,351,190	4,109,756
Total Natural Gas Operating Revenues	¹ 27,500,553	¹ 27,565,434	33,858,927	49,105,791

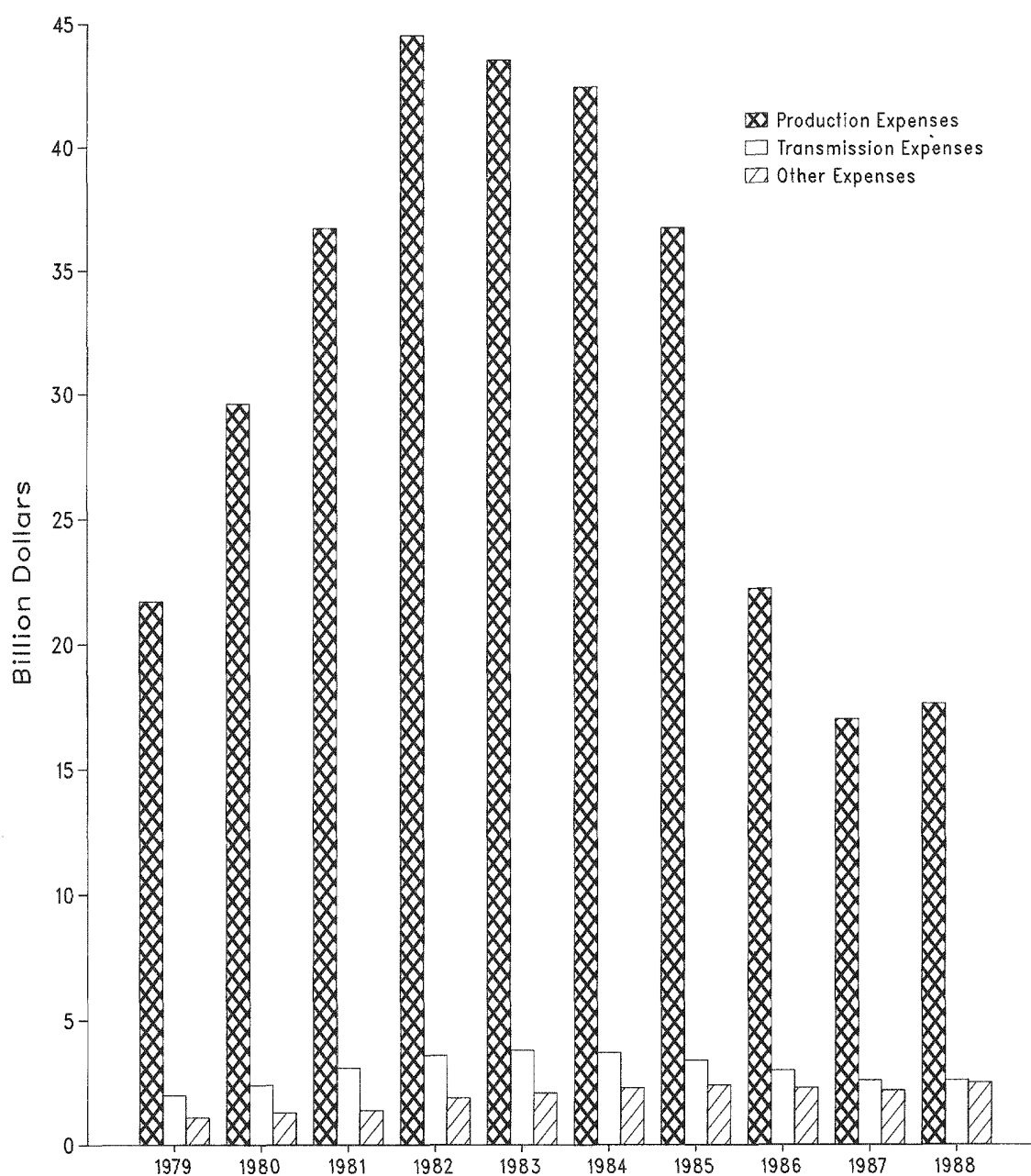
¹ Account 496 (Provision for rate refunds) is not taken in consideration when reporting the total gas operating revenue.

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Figure 4. Composite Operation and Maintenance Expenses 1979 - 1988



Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 7. Gas Operation and Maintenance Expenses Statistics for Major Pipeline Companies, Year Ended December 31
(Millions of Dollars)

Item	1988	1987
Manufactured Gas Production	0	0
Natural Gas Production--Gathering Expenses	\$392	\$408
Products Extraction Expenses	287	224
Exploration and Development Expenses	0	0
Total Other Gas Supply Expenses	16,945	16,322
Underground Storage--Other Storage Expenses	436	409
Transmission Expenses	2,589	2,598
Distribution Expenses	127	80
Customer Accounts Expenses	133	106
Customer Service and Informational Expenses	19	15
Sales Expenses	24	28
Administration and General Expenses	1,791	1,604
Total Operation and Maintenance Expenses	22,742	21,794

Note: Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 8. Gas Operation and Maintenance Expense Relationship, Major Pipeline Companies

Relationship	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979
Operation and Maintenance Expenses										
Percent of Operating Revenues	85.1	81.6	82.1	86.8	86.3	87.0	88.9	88.8	87.0	84.3
Maintenance Charges										
Percent of Total Operating Expenses	2.6	2.4	2.0	1.4	1.2	1.2	1.2	1.2	1.3	1.5
Percent of Operating Revenues	2.3	2.0	1.7	1.2	1.0	1.0	1.0	1.1	1.1	1.2
Maintenance and Depreciation Charges										
Percent of Operating Revenues	8.1	7.5	6.6	4.6	4.1	4.1	4.0	4.2	4.3	5.2
Percent of Gas Utility Plant	4.9	4.7	5.1	5.2	5.5	5.8	6.1	6.0	5.7	5.6
Production Expenses										
Percent of Operating Revenues	65.9	63.5	66.4	75.0	75.6	76.6	79.1	79.0	77.5	74.0
Per Mcf Sold, Cents	276.0	262.0	284.0	324.0	322.0	337.0	308.0	240.8	197.9	143.8
Transmission and Storage Expenses										
Percent of Operating Revenues	11.3	11.3	10.2	7.8	7.4	7.3	7.2	7.4	7.0	7.4
Per Mcf Sold, Cents	47.5	46.5	43.6	33.8	31.7	32.3	28.0	22.5	17.9	14.5
Distribution Expenses Percent of										
Operating Revenues	.5	.3	.2	.3	.2	.2	.2	.1	.1	.1
Customer Accounts Expenses Percent of										
Operating Revenues	.5	.4	.3	.3	.3	.2	.2	.1	.1	.1
Customer Service and										
Informational Expenses	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
Sales Expenses Percent of										
Operating Revenues	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0
Administrative and General Expenses Percent										
of Operating Revenues	6.7	6.0	4.9	3.4	2.7	2.5	2.2	2.2	2.4	2.7

Note: Due to rounding, detail may not add to totals. Data not adjusted for effect of rate case settlements.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31
(Thousands of Dollars)

Item	1988	1987	1986	1985
Production Expenses				
Manufactured Gas Production	\$114	-\$289	\$11	\$229
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	38,644	41,775	45,699	48,902
Production Maps and Records	4,070	1,533	2,713	3,259
Gas Well Expenses	12,533	12,926	25,115	29,776
Field Lines Expenses	59,018	48,189	65,026	67,429
Field Compressor Station Expenses	21,269	24,259	27,757	42,196
Field Compressor Station Fuel and Power	40,200	64,526	67,400	151,191
Field Measuring and Regulating Station Expenses	25,055	24,964	28,052	29,313
Purification Expenses	58,917	60,367	74,008	119,509
Gas Well Royalties	37,324	34,877	97,716	319,489
Other Expenses	24,948	27,485	29,358	25,701
Rents	5,841	5,339	6,444	8,678
Total Operation Expenses	327,818	346,241	469,286	845,443
Maintenance Expenses				
Supervision and Engineering	6,618	7,729	8,476	8,465
Structures and Improvements	2,574	2,663	4,522	4,818
Producing Gas Wells	2,611	1,366	5,137	7,058
Field Lines	16,684	18,036	18,531	18,085
Field Compressor Station Equipment	19,997	17,488	21,284	44,107
Field Measuring and Regulating Station Equipment	4,872	4,955	5,007	4,902
Purification Equipment	8,759	7,962	10,515	13,959
Drilling and Cleaning Equipment	40	61	149	131
Other Equipment	1,784	1,917	2,360	2,244
Total Maintenance Expenses	63,939	62,176	75,981	103,770
Total Natural Gas Production and Gathering Expenses	391,757	408,417	545,267	949,213
Products Extraction				
Operation Expenses				
Supervision and Engineering	3,475	4,997	4,907	5,201
Labor	11,530	11,586	12,168	14,664
Gas Shrinkage	118,575	78,520	95,929	132,387
Fuel	31,017	30,193	38,938	56,066
Power	4,482	3,309	3,031	3,292
Materials	1,610	1,542	1,569	2,070
Supplies and Expenses	6,512	7,357	7,802	8,372
Gas Processed by Others	57,157	46,931	67,584	80,275
Royalties on Products Extracted	3,594	1,254	2,886	9,466
Marketing Expenses	8,292	4,861	4,915	6,873
Products Purchased for Resale	25,984	20,770	24,917	54,807
Variation on Product Inventory	907	557	3,197	-2,025
(Less) Extracted Products Used by the Utility	369	633	922	1,335
Rents	416	270	188	347
Total Operation Expenses	273,184	211,514	267,108	370,459
Maintenance Expenses				
Supervision and Engineering	1,338	1,065	926	1,021
Structures and Improvements	1,312	958	720	1,354
Extraction and Refining Equipment	9,627	8,415	10,361	10,009
Pipelines	107	131	153	83
Extracted Products Storage Equipment	406	430	521	669
Compressor Equipment	1,021	1,272	399	629
Gas Measuring and Regulating Equipment	60	59	57	46
Other Equipment	328	313	477	654
Total Maintenance Expenses	14,199	12,643	13,613	14,465
Total Products Extraction Expenses	287,383	224,157	280,721	384,924
Exploration and Development				
Delay Rentals	175	282	153	122
Nonproductive Well Drilling	2	NE	-395	903
Abandoned Leases	NE	2	27	8
Other Exploration	94	79	4,886	9,205
Total Exploration and Development Expenses	271	363	4,671	10,239
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	2,436,046	2,188,928	3,664,529	6,709,166

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1988	1987	1986	1985
Natural Gas Wellhead Purchases, Intracompany Transfers	\$104,129	\$135,441	\$340,239	\$594,525
Natural Gas Field Line Purchases	5,473,536	6,096,540	8,490,560	13,269,195
Natural Gas Gasoline Plant Outlet Purchases	1,501,008	1,641,626	2,707,043	3,845,914
Natural Gas Transmission Line Purchases	5,706,896	5,299,593	6,111,959	10,143,052
Natural Gas City Gate Purchases	876,640	424,688	789,727	1,120,229
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	95,735	266,830	61,141	183,941
(Less) Purchased Gas Cost Adjustments	416,924	765,978	4,763	102,085
(Less) Incremental Gas Cost Adjustments	2	37	3,987	12,807
Total Purchased Gas	15,777,064	15,287,631	22,156,448	35,751,129
Exchange Gas	79,495	109,445	-255,705	-85,444
Purchased Gas Expenses				
Well Expenses--Purchased Gas	2,138	2,447	4,913	4,815
Operation of Purchased Gas Measuring Stations	27,777	28,116	24,489	27,683
Maintenance of Purchased Gas Measuring Stations	4,231	4,419	4,759	5,169
Purchased Gas Calculations Expenses	9,111	8,575	8,862	9,891
Other Purchased Gas Expenses	26,748	-36,488	114,285	450,462
Total Purchased Gas Expenses	70,005	7,069	157,308	498,020
Gas Withdrawn from Underground Storage--Debit	2,469,286	2,601,607	2,547,707	4,238,208
(Less) Gas Delivered to Underground Storage	2,526,961	2,477,892	2,676,464	3,696,631
Withdrawals of Liquefied Natural Gas for Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	457,885	466,601	643,918	947,499
Gas Used for Products Extraction--Credit	195,356	150,036	197,349	297,631
Gas Used for Other Utility Operations--Credit	151,508	140,087	243,916	324,294
Total Gas Used in Utility Operations--Credit	804,748	756,724	1,085,183	1,569,424
Other Gas Supply Expenses	1,880,887	1,550,928	533,044	259,018
Total Other Gas Supply Expenses	16,945,026	16,322,064	21,377,155	35,394,877
Total Production Expenses	17,624,551	16,954,712	22,207,825	36,739,481
Natural Gas Storage, Terminating, and Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	14,379	13,802	13,799	13,329
Maps and Records	590	720	629	778
Wells Expenses	14,300	14,360	14,928	15,761
Lines Expenses	7,648	7,669	9,411	9,393
Compressor Station Expenses	30,654	28,826	29,370	29,704
Compressor Station Fuel and Power	44,791	42,349	50,275	57,361
Measuring and Regulating Station Expenses	3,797	3,507	3,574	3,736
Purification Expenses	4,408	3,462	4,059	4,690
Exploration and Development	3	124	161	222
Gas Losses	23,663	26,992	28,689	22,748
Other Expenses	192,760	170,820	166,086	163,869
Storage Well Royalties	6,496	6,412	6,635	6,855
Rents	39,155	40,793	41,637	41,776
Total Operations Expenses	382,642	359,837	369,253	370,221
Maintenance Expenses				
Supervision and Engineering	5,366	5,440	3,724	3,725
Structures and Improvements	2,864	2,905	3,122	3,220
Reservoirs and Wells	8,654	8,213	10,096	8,279
Lines	3,917	3,811	4,127	4,315
Compressor Station Equipment	20,885	19,251	18,973	15,432
Measuring and Regulating Station Equipment	612	653	761	765
Purification Equipment	2,202	2,069	2,563	2,617
Other Equipment	907	1,038	1,044	981
Total Maintenance Expenses	45,408	43,381	44,411	39,334
Total Underground Storage Expenses	428,050	403,218	413,664	409,555
Other Storage				
Operation Expenses	6,193	4,934	5,447	6,849
Maintenance Expenses	2,083	1,217	1,108	1,605
Total Other Storage Expenses	8,276	6,151	6,555	8,454

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1988	1987	1986	1985
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage and Processing Expenses	\$436,326	\$409,369	\$420,219	\$418,009
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	166,584	151,679	156,700	142,111
System Control and Load Dispatching	29,285	26,858	28,280	28,004
Communication System Expenses	30,225	29,311	28,265	25,199
Compressor Station Labor and Expenses	269,977	251,652	239,180	241,168
Gas for Compressor Station Fuel	375,892	367,407	532,573	748,735
Other Fuel and Power for Compressor Stations	65,481	63,842	46,067	62,883
Mains	182,166	168,359	182,900	194,354
Measuring and Regulating Station Expenses	61,872	61,623	62,518	70,192
Transmission and Compression of Gas by Others	936,300	1,049,123	1,267,267	1,472,161
Other Transmission Expenses	40,410	38,278	36,206	47,010
Rents	19,796	18,422	17,143	17,090
Total Operation Expenses	2,177,988	2,226,554	2,597,099	3,048,906
Maintenance Expenses				
Supervision and Engineering	31,520	34,596	35,546	38,456
Structures and Improvements	22,518	21,182	30,638	26,127
Mains	109,462	91,003	93,718	90,065
Compressor Station Equipment	218,175	197,327	197,872	174,091
Measuring and Regulating Station Equipment	13,203	12,118	12,539	13,635
Communication Equipment	11,906	12,078	13,913	13,164
Other Equipment	4,037	3,259	3,138	4,216
Total Maintenance Expenses	410,821	371,562	387,366	359,754
Total Transmission Expenses	2,588,810	2,598,116	2,984,464	3,408,661
Distribution Expenses				
Operation Expenses	77,273	54,548	54,952	87,496
Maintenance Expenses	49,249	25,785	24,941	44,332
Total Distribution Expenses	126,522	80,332	79,893	131,828
Customer Accounts Expenses				
Supervision	5,165	3,255	2,888	4,939
Meter Reading Expenses	20,164	13,486	14,402	18,690
Customer Records and Collection Expenses	70,861	51,892	53,952	69,614
Uncollectible Accounts	30,241	32,737	25,625	28,983
Miscellaneous Customer Accounts Expenses	6,132	4,483	4,336	5,022
Total Customer Accounts Expenses	132,562	105,853	101,203	127,247
Customer Service and Informational Expenses				
Supervision	2,776	549	723	867
Customer Assistance Expenses	9,281	8,466	8,473	9,836
Informational and Instructional Advertising Expenses	3,331	3,988	3,926	6,377
Miscellaneous Customer Service and Informational Expenses	3,615	1,517	1,846	982
Total Customer Service and Informational Expenses	19,003	14,519	14,968	18,062
Sales Expenses				
Supervision	2,941	2,730	3,563	4,408
Demonstrating and Selling Expenses	13,160	15,638	10,120	10,621
Advertising Expenses	5,544	7,404	5,576	9,393
Miscellaneous Sales Expenses	1,887	1,756	2,115	2,545
Total Sales Expenses	23,533	27,528	25,373	26,967
Administrative and General Expenses				
Administrative and General Salaries	481,433	444,737	463,446	468,297
Office Supplies and Expenses	279,343	241,831	254,473	252,656
(Less) Administrative Expenses Transferred	72,013	67,206	65,044	83,119
Outside Services Employed	300,393	262,411	226,957	223,028
Property Insurance	42,687	38,561	45,713	39,223
Injuries and Damages	64,780	69,015	70,278	50,062

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1988	1987	1986	1985
Employee Pensions and Benefits	\$238,212	\$230,537	\$324,981	\$394,649
Franchise Requirements	2,616	2,625	2,365	2,385
Regulatory Commission Expenses	71,409	40,145	23,947	24,410
(Less) Duplicate Charges	5,037	2,509	2,683	2,604
General Advertising Expenses	2,376	2,886	4,184	6,172
Miscellaneous General Expenses	237,586	223,603	178,887	188,444
Rents	134,570	106,119	87,113	79,992
Maintenance of General Plant	12,549	11,227	11,764	14,448
Total Administrative and General Expenses	1,790,903	1,603,981	1,626,380	1,658,043
Total Gas Operation and Maintenance Expenses	22,742,209	21,794,410	27,460,325	42,528,299
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	1	2	88
Production--Natural Gas (including exploration and development)	123,754	147,496	158,519	184,172
Other Gas Supply	47,519	59,268	57,390	63,391
Storage, LNG Terminating and Processing	60,213	63,564	61,332	61,391
Transmission	523,468	527,890	558,668	566,081
Distribution	70,944	46,464	24,746	58,517
Customer Accounts	59,526	46,027	36,694	51,771
Customer Service and Informational Expenses	7,220	4,615	4,528	5,519
Sales	9,205	10,957	8,759	10,424
Administrative and General	415,092	467,727	452,073	448,256
Allocation of Payroll Charged for Clearing Accounts	52,684	58,040	62,915	62,421
Total Salaries and Wages	1,369,624	1,432,049	1,425,627	1,512,032
Number of Gas Department Employees				
Regular Full-Time Employees	31,055	45,221	46,922	56,271
Part-Time and Temporary Employees	518	805	804	1,009
Total Gas Department Employees	31,573	46,026	47,726	57,280

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1984	1983	1982	1981
Production Expenses				
Manufactured Gas Production	\$11,957	\$316	\$392	\$488
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	50,466	53,480	49,739	41,856
Production Maps and Records	4,620	4,409	4,885	5,811
Gas Well Expenses	32,027	25,856	28,946	24,939
Field Lines Expenses	63,205	59,587	60,268	49,163
Field Compressor Station Expenses	43,236	41,255	45,529	43,063
Field Compressor Station Fuel and Power	157,333	137,319	153,408	138,594
Field Measuring and Regulating Station Expenses	26,489	22,845	22,253	18,199
Purification Expenses	126,443	118,430	128,325	120,807
Gas Well Royalties	379,808	288,344	455,972	488,471
Other Expenses	19,721	20,745	22,581	12,530
Rents	8,482	7,926	7,880	8,456
Total Operation Expenses	911,831	780,202	979,791	951,890
Maintenance Expenses				
Supervision and Engineering	8,984	8,203	8,913	8,263
Structures and Improvements	5,407	5,429	6,040	5,936
Producing Gas Wells	8,003	6,624	8,488	7,407
Field Lines	18,304	18,513	19,121	16,088
Field Compressor Station Equipment	44,965	43,096	49,522	43,490
Field Measuring and Regulating Station Equipment	4,235	4,132	4,662	4,729
Purification Equipment	14,699	14,014	15,850	13,970
Drilling and Cleaning Equipment	123	168	185	215
Other Equipment	2,346	3,181	2,974	2,092
Total Maintenance Expenses	107,067	103,364	115,759	102,192
Total Natural Gas Production and Gathering Expenses	1,018,898	883,567	1,095,551	1,054,082
Products Extraction				
Operation Expenses				
Supervision and Engineering	4,623	5,210	4,635	4,153
Labor	15,122	13,949	14,671	12,247
Gas Shrinkage	161,313	107,722	95,615	85,232
Fuel	64,496	51,559	56,258	42,966
Power	3,081	2,609	2,521	2,071
Materials	1,981	2,201	1,788	1,955
Supplies and Expenses	9,062	9,062	9,341	8,558
Gas Processed by Others	84,415	103,984	95,624	76,223
Royalties on Products Extracted	17,089	11,014	13,727	4,379
Marketing Expenses	6,892	6,969	6,634	6,121
Products Purchased for Resale	50,275	57,152	59,218	67,232
Variation on Product Inventory	715	904	1,853	-2,746
(Less) Extracted Products Used by the Utility	1,472	1,206	765	805
Rents	302	223	215	574
Total Operation Expenses	417,894	371,356	361,340	308,161
Maintenance Expenses				
Supervision and Engineering	678	603	654	644
Structures and Improvements	1,343	948	1,690	1,267
Extraction and Refining Equipment	10,339	9,920	10,229	8,039
Pipelines	197	148	131	152
Extracted Products Storage Equipment	612	627	882	628
Compressor Equipment	579	772	867	874
Gas Measuring and Regulating Equipment	53	64	83	74
Other Equipment	643	933	790	672
Total Maintenance Expenses	14,444	14,019	15,330	12,350
Total Products Extraction Expenses	432,338	385,375	376,671	320,511
Exploration and Development				
Delay Rentals	88	13	516	658
Nonproductive Well Drilling	24	1,120	225	258
Abandoned Leases	27	-50	51	62
Other Exploration	10,988	9,073	6,649	6,884
Total Exploration and Development Expenses	11,126	10,157	7,442	7,863
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	7,807,293	7,579,827	8,523,253	6,723,896

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1984	1983	1982	1981
Natural Gas Wellhead Purchases, Intracompany				
Transfers	\$526,275	NE	NE	NE
Natural Gas Field Line Purchases	15,862,884	\$14,388,257	\$15,715,785	\$12,996,249
Natural Gas Gasoline Plant Outlet Purchases	4,535,496	3,525,144	3,521,894	2,988,618
Natural Gas Transmission Line Purchases	12,978,186	14,690,576	16,904,712	15,410,688
Natural Gas City Gate Purchases	1,334,050	1,417,181	1,160,815	46,780
Liquefied Natural Gas Purchases	NE	536,556	NE	25
Other Gas Purchases	213,516	356,500	173,009	186,787
(Less) Purchased Gas Cost Adjustments	31,542	-416,329	282,134	-900,564
(Less) Incremental Gas Cost Adjustments	28,638	28,492	19,120	-17,721
Total Purchased Gas	43,197,518	42,881,882	45,698,216	37,434,757
Exchange Gas	-8,578	-22,722	2,180	-7,553
Purchased Gas Expenses				
Well Expenses--Purchased Gas	3,812	2,557	2,934	3,337
Operation of Purchased Gas Measuring Stations	28,252	27,775	24,912	20,510
Maintenance of Purchased Gas Measuring Stations	5,333	5,350	5,354	4,268
Purchased Gas Calculations Expenses	10,488	10,475	9,601	7,402
Other Purchased Gas Expenses	54,877	63,235	60,720	66,544
Total Purchased Gas Expenses	102,762	109,394	103,523	102,062
Gas Withdrawn from Underground Storage--Debit	3,568,486	4,004,200	3,180,557	2,147,303
(Less) Gas Delivered to Underground Storage	4,134,869	3,265,580	4,179,111	2,691,079
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	586,809	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	583,446	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	1,144,051	1,036,493	1,313,814	1,208,550
Gas Used for Products Extraction--Credit	349,802	260,742	240,442	198,472
Gas Used for Other Utility Operations--Credit	326,112	324,962	381,635	309,821
Total Gas Used in Utility Operations--Credit	1,819,965	1,622,199	1,935,892	1,716,844
Other Gas Supply Expenses	27,784	148,267	99,959	54,624
Total Other Gas Supply Expenses	40,933,137	42,236,605	42,969,434	35,323,271
Total Production Expenses	42,407,456	43,516,022	44,449,492	36,706,216
Natural Gas Storage, Terminating, and				
Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	13,723	13,080	12,553	10,694
Maps and Records	927	717	713	662
Wells Expenses	13,402	15,628	16,359	13,969
Lines Expenses	8,929	8,675	9,054	6,536
Compressor Station Expenses	29,612	26,972	26,982	22,493
Compressor Station Fuel and Power	59,901	48,941	60,351	41,754
Measuring and Regulating Station Expenses	3,366	3,042	2,958	2,518
Purification Expenses	4,637	4,406	4,857	3,255
Exploration and Development	308	464	176	876
Gas Losses	25,039	19,853	24,445	17,651
Other Expenses	155,439	172,759	147,224	99,045
Storage Well Royalties	6,324	6,295	6,139	6,254
Rents	41,752	42,901	40,309	42,035
Total Operations Expenses	363,360	363,739	352,126	267,743
Maintenance Expenses				
Supervision and Engineering	4,105	3,464	3,541	2,897
Structures and Improvements	2,656	2,620	2,795	5,241
Reservoirs and Wells	9,315	10,250	11,293	6,816
Lines	3,416	5,744	3,623	3,287
Compressor Station Equipment	18,407	17,354	18,631	15,310
Measuring and Regulating Station Equipment	720	681	849	675
Purification Equipment	2,679	2,693	2,411	2,150
Other Equipment	966	628	630	678
Total Maintenance Expenses	42,263	43,438	43,775	37,054
Total Underground Storage Expenses	405,623	407,177	395,902	304,796
Other Storage				
Operation Expenses	8,175	6,048	7,712	6,000
Maintenance Expenses	1,323	1,244	1,711	2,079
Total Other Storage Expenses	9,498	7,293	9,424	8,079

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1984	1983	1982	1981
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	\$23,972	NE	NE
Maintenance Expenses	NE	2,137	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	26,110	NE	NE
Total Natural Gas Storage and Processing Expenses	\$415,121	440,581	\$405,327	\$312,876
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	131,521	140,609	135,522	112,997
System Control and Load Dispatching	25,745	26,462	23,642	20,097
Communication System Expenses	22,680	20,817	20,575	16,809
Compressor Station Labor and Expenses	241,754	234,682	240,053	223,451
Gas for Compressor Station Fuel	938,899	869,462	1,118,859	1,057,784
Other Fuel and Power for Compressor Stations	61,143	49,766	54,388	48,797
Mains	193,278	180,921	192,215	158,312
Measuring and Regulating Station Expenses	68,130	64,651	63,823	57,696
Transmission and Compression of Gas by Others	1,668,917	1,709,063	1,354,935	1,038,717
Other Transmission Expenses	49,048	51,963	43,409	36,321
Rents	19,188	17,709	17,300	16,062
Total Operation Expenses	3,420,305	3,366,109	3,264,725	2,787,043
Maintenance Expenses				
Supervision and Engineering	33,302	35,923	33,212	28,258
Structures and Improvements	25,785	25,667	26,616	23,602
Mains	83,273	95,440	87,888	83,218
Compressor Station Equipment	165,101	174,845	187,330	174,085
Measuring and Regulating Station Equipment	14,481	13,257	13,026	10,956
Communication Equipment	13,377	12,698	11,976	10,693
Other Equipment	4,616	4,610	4,611	3,882
Total Maintenance Expenses	339,934	362,443	364,662	334,695
Total Transmission Expenses	3,760,239	3,728,552	3,629,387	3,121,738
Distribution Expenses				
Operation Expenses	87,065	91,921	67,814	24,219
Maintenance Expenses	44,197	38,736	34,818	7,079
Total Distribution Expenses	131,262	130,658	102,632	31,298
Customer Accounts Expenses				
Supervision	4,896	4,350	3,333	1,189
Meter Reading Expenses	18,269	17,700	13,500	5,705
Customer Records and Collection Expenses	68,611	60,235	47,307	10,918
Uncollectible Accounts	48,874	51,362	43,767	3,360
Miscellaneous Customer Accounts Expenses	4,118	3,443	1,783	899
Total Customer Accounts Expenses	144,768	137,092	109,692	22,070
Customer Service and Informational Expenses				
Supervision	1,120	1,579	1,053	480
Customer Assistance Expenses	11,122	17,124	13,345	1,844
Informational and Instructional Advertising Expenses	6,302	3,891	2,961	1,870
Miscellaneous Customer Service and Informational Expenses	1,042	1,051	845	430
Total Customer Service and Informational Expenses	19,586	23,647	18,206	4,624
Sales Expenses				
Supervision	4,294	3,524	3,774	2,995
Demonstrating and Selling Expenses	7,981	5,929	4,572	3,911
Advertising Expenses	5,748	1,881	1,209	914
Miscellaneous Sales Expenses	1,834	880	964	789
Total Sales Expenses	19,857	12,215	10,520	8,609
Administrative and General Expenses				
Administrative and General Salaries	439,283	420,167	393,695	303,301
Office Supplies and Expenses	223,555	229,623	218,051	171,475
(Less) Administrative Expenses Transferred	76,326	92,544	98,719	76,165
Outside Services Employed	186,504	181,416	159,081	146,855
Property Insurance	34,607	35,368	34,970	32,716
Injuries and Damages	32,639	27,832	22,021	22,316

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1984	1983	1982	1981
Employee Pensions and Benefits	\$352,646	\$376,907	\$325,745	\$253,561
Franchise Requirements	2,987	2,976	2,690	273
Regulatory Commission Expenses	20,779	21,720	19,043	14,861
(Less) Duplicate Charges	2,204	3,300	3,426	3,215
General Advertising Expenses	8,313	4,874	4,470	6,054
Miscellaneous General Expenses	190,662	110,648	103,735	104,726
Rents	89,309	79,113	73,328	50,108
Maintenance of General Plant	10,435	7,920	8,853	8,107
Total Administrative and General Expenses	1,513,189	1,402,724	1,263,541	1,034,974
Total Gas Operation and Maintenance Expenses	48,411,478	49,391,493	49,988,799	41,242,405
Distribution of Salaries and Wages Charged to				
Gas Operation and Maintenance				
Production--Manufactured Gas	105	126	140	145
Production--Natural Gas (including exploration and development)	186,758	185,286	178,581	153,365
Other Gas Supply	63,428	58,102	47,853	40,780
Storage, LNG Terminaling and Processing	59,839	58,434	51,740	43,696
Transmission	543,940	533,906	504,086	447,626
Distribution	56,724	58,887	39,335	21,062
Customer Accounts	50,402	44,939	34,812	12,368
Customer Service and Informational Expenses	5,997	8,243	5,499	1,984
Sales	9,110	6,062	5,066	4,271
Administrative and General	427,566	399,518	379,757	293,758
Allocation of Payroll Charged for Clearing Accounts	60,999	54,256	63,117	40,989
Total Salaries and Wages	1,464,868	1,407,765	1,309,992	1,060,044
Number of Gas Department Employees				
Regular Full-Time Employees	58,919	58,018	59,923	50,871
Part-Time and Temporary Employees	1,129	1,216	1,359	1,481
Total Gas Department Employees	60,048	59,234	61,282	52,352

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1980	1979
Production Expenses		
Manufactured Gas Production	\$549	\$682
Natural Gas Production and Gathering		
Operation Expenses		
Supervision and Engineering	37,844	29,297
Production Maps and Records	5,752	4,912
Gas Well Expenses	21,110	17,098
Field Lines Expenses	41,383	35,344
Field Compressor Station Expenses	36,951	34,025
Field Compressor Station Fuel and Power	119,290	94,422
Field Measuring and Regulating Station Expenses	14,939	11,945
Purification Expenses	98,673	75,824
Gas Well Royalties	432,504	369,451
Other Expenses	12,111	9,939
Rents	7,431	7,270
Total Operation Expenses	827,988	689,526
Maintenance Expenses		
Supervision and Engineering	6,677	3,865
Structures and Improvements	4,584	4,397
Producing Gas Wells	6,045	7,266
Field Lines	13,136	11,328
Field Compressor Station Equipment	41,049	34,759
Field Measuring and Regulating Station Equipment	4,101	2,958
Purification Equipment	12,952	10,614
Drilling and Cleaning Equipment	172	151
Other Equipment	2,334	1,805
Total Maintenance Expenses	91,050	77,143
Total Natural Gas Production and Gathering Expenses	919,038	766,669
Products Extraction		
Operation Expenses		
Supervision and Engineering	4,026	2,893
Labor	10,368	92,293
Gas Shrinkage	78,429	56,980
Fuel	39,696	27,811
Power	2,035	1,786
Materials	1,602	1,587
Supplies and Expenses	8,024	6,821
Gas Processed by Others	57,065	46,088
Royalties on Products Extracted	5,049	2,389
Marketing Expenses	5,170	1,705
Products Purchased for Resale	67,696	31,453
Variation on Product Inventory	-1,514	-353
(Less) Extracted Products Used by the Utility	575	582
Rents	350	258
Total Operation Expenses	277,422	187,327
Maintenance Expenses		
Supervision and Engineering	495	342
Structures and Improvements	1,076	1,259
Extraction and Refining Equipment	7,714	6,751
Pipelines	121	133
Extracted Products Storage Equipment	469	730
Compressor Equipment	648	402
Gas Measuring and Regulating Equipment	43	30
Other Equipment	567	449
Total Maintenance Expenses	11,132	10,097
Total Products Extraction Expenses	288,554	198,025
Exploration and Development		
Delay Rentals	688	-2,893
Nonproductive Well Drilling	771	-9,032
Abandoned Leases	NE	-365
Other Exploration	5,051	4,524
Total Exploration and Development Expenses	6,511	-7,765
Other Gas Supply Expenses		
Purchased Gas		
Natural Gas Wellhead Purchases	4,606,049	3,420,921

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1980	1979
Natural Gas Wellhead Purchases, Intracompany Transfers	NE	NE
Natural Gas Field Line Purchases	\$9,685,097	\$6,994,934
Natural Gas Gasoline Plant Outlet Purchases	2,400,088	2,063,334
Natural Gas Transmission Line Purchases	12,637,636	9,896,377
Natural Gas City Gate Purchases	32,887	66,136
Liquefied Natural Gas Purchases	NE	8
Other Gas Purchases	243,313	267,823
(Less) Purchased Gas Cost Adjustments	294,669	-763,613
(Less) Incremental Gas Cost Adjustments	-43,017	NE
Total Purchased Gas	29,856,721	21,945,921
Exchange Gas	-6,157	27,695
Purchased Gas Expenses		
Well Expenses--Purchased Gas	29,696	2,887
Operation of Purchased Gas Measuring Stations	16,963	13,214
Maintenance of Purchased Gas Measuring Stations	2,968	2,574
Purchased Gas Calculations Expenses	6,096	4,341
Other Purchased Gas Expenses	57,782	64,959
Total Purchased Gas Expenses	86,504	87,975
Gas Withdrawn from Underground Storage--Debit	1,822,102	1,338,376
(Less) Gas Delivered to Underground Storage	2,065,218	1,702,958
Withdrawals of Liquefied Natural Gas for Processing--Debit	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE
(Less) Gas Used in Utility Operation		
Gas Used for Compressor Station Fuel--Credit	925,369	695,316
Gas Used for Products Extraction--Credit	169,843	695,316
Gas Used for Other Utility Operations--Credit	218,463	159,674
Total Gas Used in Utility Operations--Credit	1,313,675	982,875
Other Gas Supply Expenses	49,360	65,466
Total Other Gas Supply Expenses	28,429,638	20,779,602
Total Production Expenses	29,644,289	21,737,212
Natural Gas Storage, Terminating, and Processing Expenses		
Underground Storage		
Operation Expenses		
Supervision and Engineering	9,232	8,249
Maps and Records	522	474
Wells Expenses	10,655	9,669
Lines Expenses	5,552	5,633
Compressor Station Expenses	18,931	16,914
Compressor Station Fuel and Power	34,309	27,735
Measuring and Regulating Station Expenses	2,140	1,267
Purification Expenses	3,500	2,811
Exploration and Development	474	900
Gas Losses	15,805	11,996
Other Expenses	81,852	77,958
Storage Well Royalties	4,744	3,993
Rents	27,123	20,228
Total Operations Expenses	214,839	187,828
Maintenance Expenses		
Supervision and Engineering	2,381	1,926
Structures and Improvements	4,047	3,630
Reservoirs and Wells	6,072	5,181
Lines	2,167	1,857
Compressor Station Equipment	12,718	11,269
Measuring and Regulating Station Equipment	546	443
Purification Equipment	2,016	1,323
Other Equipment	934	616
Total Maintenance Expenses	30,881	26,246
Total Underground Storage Expenses	245,720	214,074
Other Storage		
Operation Expenses	5,370	5,571
Maintenance Expenses	1,797	1,540
Total Other Storage Expenses	7,167	7,110

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1980	1979
Liquefied Natural Gas Terminating and Processing Expenses		
Operation Expenses	NE	NE
Maintenance Expenses	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE
Total Natural Gas Storage and Processing Expenses	\$252,887	\$221,184
Transmission Expenses		
Operation Expenses		
Supervision and Engineering	94,344	76,890
System Control and Load Dispatching	16,270	14,201
Communication System Expenses	15,116	13,715
Compressor Station Labor and Expenses	187,956	160,618
Gas for Compressor Station Fuel	803,131	597,566
Other Fuel and Power for Compressor Stations	36,862	31,287
Mains	132,688	103,844
Measuring and Regulating Station Expenses	35,424	31,007
Transmission and Compression of Gas by Others	790,160	671,687
Other Transmission Expenses	30,115	19,955
Rents	12,829	11,817
Total Operation Expenses	2,154,895	1,732,585
Maintenance Expenses		
Supervision and Engineering	23,025	19,805
Structures and Improvements	20,225	16,341
Mains	62,490	52,630
Compressor Station Equipment	148,923	124,928
Measuring and Regulating Station Equipment	9,270	8,320
Communication Equipment	8,770	7,800
Other Equipment	3,634	1,795
Total Maintenance Expenses	276,337	231,618
Total Transmission Expenses	2,431,232	1,964,203
Distribution Expenses		
Operation Expenses	21,240	21,056
Maintenance Expenses	6,322	7,042
Total Distribution Expenses	27,561	28,097
Customer Accounts Expenses		
Supervision	998	829
Meter Reading Expenses	5,163	4,724
Customer Records and Collection Expenses	9,387	9,297
Uncollectible Accounts	2,779	3,912
Miscellaneous Customer Accounts Expenses	496	549
Total Customer Accounts Expenses	18,823	19,311
Customer Service and Informational Expenses		
Supervision	373	271
Customer Assistance Expenses	1,545	1,281
Informational and Instructional Advertising Expenses	815	964
Miscellaneous Customer Service and Informational Expenses	244	319
Total Customer Service and Informational Expenses	2,978	2,835
Sales Expenses		
Supervision	2,570	1,947
Demonstrating and Selling Expenses	3,235	2,340
Advertising Expenses	1,122	994
Miscellaneous Sales Expenses	607	577
Total Sales Expenses	7,534	5,857
Administrative and General Expenses		
Administrative and General Salaries	261,086	227,684
Office Supplies and Expenses	147,694	114,718
(Less) Administrative Expenses Transferred	61,903	47,273
Outside Services Employed	123,077	108,963
Property Insurance	26,111	25,912
Injuries and Damages	21,218	19,017

See footnotes at end of table.

Table 9. Composite Statement of Operation and Maintenance Expenses for Major Pipeline Companies, Year Ended December 31 (Continued)
(Thousands of Dollars)

Item	1980	1979
Employee Pensions and Benefits	\$238,757	\$203,396
Franchise Requirements	402	373
Regulatory Commission Expenses	13,278	10,919
(Less) Duplicate Charges	1,938	1,753
General Advertising Expenses	6,033	6,123
Miscellaneous General Expenses	91,266	75,589
Rents	45,652	30,901
Maintenance of General Plant	7,360	6,701
Total Administrative and General Expenses	918,095	785,271
Total Gas Operation and Maintenance Expenses	33,303,398	24,763,971
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance		
Production--Manufactured Gas	115	5,422
Production--Natural Gas (including exploration and development)	140,482	116,942
Other Gas Supply	33,737	28,850
Storage, LNG Terminating and Processing	38,960	33,831
Transmission	386,641	336,100
Distribution	18,772	19,074
Customer Accounts	11,297	10,817
Customer Service and Informational Expenses	1,616	1,423
Sales	3,875	3,114
Administrative and General	254,049	216,923
Allocation of Payroll Charged for Clearing Accounts	34,245	29,196
Total Salaries and Wages	923,788	801,692
Number of Gas Department Employees		
Regular Full-Time Employees	48,384	46,918
Part-Time and Temporary Employees	1,710	1,641
Total Gas Department Employees	50,094	48,559

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals. Since 1982, accounts which are normally credit balances have had their signs removed and the word "less" has been added to the description for the account. Prior to 1982 these accounts earned minus signs.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

**Table 10. Composite Gas Utility Plant for Major Pipeline Companies,
December 31
(Thousands of Dollars)**

Item	1988	1987	1986	1985
Summary Gas Plant Accounts				
Gas Plant in Service	\$44,105,022	\$42,513,166	\$42,331,876	\$42,972,175
Gas Plant Leased to Others	37,296	37,308	37,437	20,921
Gas Plant Held for Future Use	150,888	114,001	148,688	201,407
Gas Plant Construction Work in Progress	703,796	585,400	427,644	393,373
Gas Plant Acquisition Adjustments	5,123	5,044	11,421	2,929
Total Gas Utility Plant	45,002,125	43,254,918	42,959,534	43,593,273
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	26,137,145	24,587,848	23,732,136	22,976,205
Net Gas Utility Plant	18,864,979	18,667,070	19,227,398	20,617,068
Gas Utility Plant in Service				
Intangible Plant	92,159	68,770	64,201	60,132
Manufactured Gas Production Plant	297	1,918	1,918	1,920
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	484	483	1,511	1,658
Producing Leaseholds	216,378	218,352	256,000	273,135
Gas Rights	22,206	22,354	42,096	74,745
Right-of-Way	106,811	127,091	126,103	131,570
Other Land and Land Rights	8,945	8,891	8,911	54,886
Gas Well Structures	38	47	111	49
Field Compressor Station Structures	53,810	56,336	57,932	88,727
Field Measuring and Regulating Station Structures	34,365	34,370	33,909	32,596
Other Structures	81,073	85,290	97,371	114,651
Producing Gas Wells (well construction)	546,341	597,368	956,575	1,196,847
Producing Gas Wells (well equipment)	199,871	212,568	346,568	434,635
Field Lines	2,347,620	2,708,470	2,690,251	3,135,499
Field Compressor Station Equipment	478,072	503,658	518,877	782,743
Field Measuring and Regulating Station Equipment	446,265	449,485	444,840	452,725
Drilling and Cleaning Equipment	4,848	4,894	6,168	5,989
Purification Equipment	372,776	390,557	426,418	485,637
Other Equipment	38,154	39,357	38,798	38,140
Unsuccessful Exploration and Development Costs	54,884	55,850	184,670	284,667
Total Production and Gathering Plant	5,012,941	5,515,420	6,237,110	7,588,898
Products Extraction Plant				
Land and Land Rights	1,732	1,683	1,676	1,509
Structures and Improvements	43,254	42,415	42,940	46,107
Extraction and Refining Equipment	259,407	259,006	256,186	250,373
Pipelines	26,550	26,446	26,383	21,950
Extracted Products Storage Equipment	17,144	18,093	17,508	17,447
Compressor Equipment	44,400	43,015	45,063	43,921
Gas Measuring and Regulating Equipment	944	925	931	807
Other Equipment	5,079	5,306	5,613	6,854
Total Products Extraction Plant	398,510	396,890	396,300	388,966
Total Natural Gas Production Plant	5,411,451	5,912,310	6,633,410	7,977,865
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	16,458	16,515	16,114	16,149
Right-of-Way	8,816	8,858	8,987	8,965
Structures and Improvements	123,814	123,670	120,882	120,704
Wells	854,217	848,033	836,901	833,881
Storage Leaseholds and Rights	83,389	84,775	86,053	97,164
Reservoirs	121,313	121,082	117,124	114,532
Nonrecoverable Natural Gas	98,989	103,104	102,543	97,909
Lines	468,114	466,866	471,103	462,682
Compressor Station Equipment	604,455	580,043	579,262	576,013
Measuring and Regulating Equipment	72,242	71,841	71,606	70,653
Purification Equipment	103,441	100,411	96,057	98,317
Other Equipment	18,078	18,412	18,160	18,240
Total Underground Storage Plant	2,573,326	2,543,609	2,524,792	2,515,209
Other Storage Plant	111,026	141,580	183,620	183,574

See footnotes at end of table.

**Table 10. Composite Gas Utility Plant for Major Pipeline Companies,
December 31 (Continued)
(Thousands of Dollars)**

Item	1988	1987	1986	1985
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	\$2,684,352	\$2,685,189	\$2,708,411	\$2,698,783
Transmission Plant				
Land and Land Rights	74,455	71,950	69,115	65,455
Right-of-Way	461,526	424,313	404,247	384,809
Structures and Improvements	1,180,744	1,155,945	1,140,058	1,069,777
Mains	23,494,689	22,530,469	22,056,034	21,379,912
Compressor Station Equipment	5,503,832	5,317,214	5,135,994	4,750,731
Measuring and Regulating Equipment	733,434	692,940	650,899	623,920
Communication Equipment	298,494	283,199	264,839	243,422
Other Transmission Equipment	304,296	285,718	242,651	218,250
Total Transmission Plant	32,051,472	30,761,749	29,963,838	28,736,276
Distribution Plant	2,218,244	1,506,098	1,467,232	1,900,617
General Plant				
Land and Land Rights	14,523	16,980	14,295	14,361
Structures and Improvements	375,793	382,793	361,303	357,516
Office Furniture and Equipment	344,268	306,951	286,683	288,383
Transportation Equipment	423,990	410,748	415,530	461,540
Stores Equipment	4,387	4,357	4,360	4,343
Tools, Shop and Garage Equipment	143,031	133,528	123,867	114,997
Laboratory Equipment	10,696	10,370	10,359	10,492
Power Operated Equipment	121,488	105,630	101,570	107,420
Communication Equipment	54,611	49,515	44,525	44,121
Miscellaneous Equipment	33,704	31,977	30,492	22,300
Subtotal General Plant	1,526,491	1,452,850	1,392,985	1,425,472
Other Tangible Property	11,332	9,283	5,890	62,373
Total General Plant	1,537,823	1,462,133	1,398,876	1,487,844
Gas Plant Purchased	15,723	NE	NE	NE
Gas Plant Sold	7,304	7,580	-309	-309
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service ¹	44,018,826	42,405,746	42,237,577	42,863,128
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	23,673	4,767	4,188	3,083
Manufactured Gas Production Plant	NE	NE	NE	24
Natural Gas Production Plant				
Production and Gathering Plant	74,995	79,973	126,754	321,866
Products Extraction Plant	15,810	3,227	14,212	15,881
Total Natural Gas Production Plant	90,805	83,199	140,966	337,747
Natural Gas Storage Plant				
Underground Storage Plant	55,166	26,773	42,498	70,162
Other Storage Plant	313	144	101	204
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	55,479	26,918	42,599	70,366
Transmission Plant	967,671	882,314	914,283	1,265,887
Distribution Plant	724,044	65,241	85,356	109,892
General Plant	210,077	159,691	135,108	185,422
Gas Plant Purchased	68,344	2,499	9,096	5,578
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	2,140,093	1,224,629	1,331,596	1,977,999
Retirements				
Intangible Plant	191	186	41	2
Manufactured Gas Production Plant	1,600	NE	1	NE
Natural Gas Production Plant				
Production and Gathering Plant	134,431	80,437	133,110	48,092
Products Extraction Plant	14,059	4,149	9,578	875
Total Natural Gas Production Plant	148,490	84,586	142,688	48,967

See footnotes at end of table.

**Table 10. Composite Gas Utility Plant for Major Pipeline Companies,
December 31 (Continued)
(Thousands of Dollars)**

Item	1988	1987	1986	1985
Natural Gas Storage Plant				
Underground Storage Plant	\$23,587	\$8,272	\$12,123	\$5,321
Other Storage Plant	137	42,105	65	43
Base Load Liquefied Natural Gas				
Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	23,724	50,376	12,188	5,363
Transmission Plant	119,101	118,435	99,378	93,239
Distribution Plant	12,307	17,289	8,950	12,340
General Plant	103,457	70,954	96,915	78,880
Gas Plant Sold	9,599	24,733	12,052	259,368
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	418,470	366,561	372,212	498,180

See footnotes at end of table.

**Table 10. Composite Gas Utility Plant for Major Pipeline Companies,
December 31 (Continued)
(Thousands of Dollars)**

Item	1984	1983	1982	1981
Summary Gas Plant Accounts				
Gas Plant in Service	\$41,352,416	\$40,194,054	\$36,069,344	\$31,062,973
Gas Plant Leased to Others	20,709	19,898	19,943	19,952
Gas Plant Held for Future Use	224,581	335,412	374,045	367,742
Gas Plant Construction Work in Progress	492,263	356,817	1,860,304	829,823
Gas Plant Acquisition Adjustments	11,927	4,943	3,960	2,392
Total Gas Utility Plant	42,104,699	40,911,124	38,327,597	32,282,881
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	21,571,317	19,895,623	18,082,382	15,877,294
Net Gas Utility Plant	20,533,383	21,015,501	20,245,214	16,405,587
Gas Utility Plant in Service				
Intangible Plant	55,446	57,878	55,176	51,292
Manufactured Gas Production Plant	8,570	8,547	8,536	8,480
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	1,610	1,828	2,169	1,328
Producing Leaseholds	212,499	227,790	227,010	214,123
Gas Rights	67,175	83,951	75,225	42,610
Right-of-Way	129,545	119,610	110,851	80,015
Other Land and Land Rights	8,630	7,541	8,355	5,407
Gas Well Structures	49	1,108	58	59
Field Compressor Station Structures	121,763	99,613	90,223	81,506
Field Measuring and Regulating Station Structures	32,111	28,532	23,692	20,927
Other Structures	117,977	116,903	96,117	86,941
Producing Gas Wells (well construction)	1,241,338	1,274,412	1,163,265	1,029,227
Producing Gas Wells (well equipment)	447,673	469,584	428,782	370,538
Field Lines	3,213,316	3,013,635	2,907,947	2,475,382
Field Compressor Station Equipment	903,102	864,761	850,348	713,712
Field Measuring and Regulating Station Equipment	447,437	389,272	335,753	261,626
Drilling and Cleaning Equipment	5,221	5,289	5,006	4,032
Purification Equipment	472,780	445,589	418,484	361,349
Other Equipment	37,781	34,845	31,354	27,492
Unsuccessful Exploration and Development Costs	210,082	223,578	183,244	210,139
Total Production and Gathering Plant	7,670,089	7,407,841	6,957,885	5,986,413
Products Extraction Plant				
Land and Land Rights	1,532	1,583	1,409	1,051
Structures and Improvements	43,551	35,694	33,612	30,815
Extraction and Refining Equipment	237,160	209,659	181,073	163,053
Pipelines	22,526	22,753	22,488	19,397
Extracted Products Storage Equipment	21,148	21,913	19,981	15,628
Compressor Equipment	41,978	23,609	13,860	12,101
Gas Measuring and Regulating Equipment	741	691	537	424
Other Equipment	6,096	5,719	5,501	4,705
Total Products Extraction Plant	374,734	321,621	278,460	247,174
Total Natural Gas Production Plant	8,044,823	7,729,462	7,236,345	6,233,587
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	15,552	15,202	14,711	7,006
Right-of-Way	8,880	8,701	9,949	8,038
Structures and Improvements	116,862	109,753	120,603	92,051
Wells	816,114	779,695	781,649	633,917
Storage Leaseholds and Rights	90,849	91,405	99,454	75,444
Reservoirs	106,720	102,494	109,027	85,382
Nonrecoverable Natural Gas	95,582	94,244	93,310	96,260
Lines	453,461	434,264	434,238	358,835
Compressor Station Equipment	552,317	514,054	531,654	400,685
Measuring and Regulating Equipment	68,599	64,919	64,897	50,545
Purification Equipment	97,016	87,697	100,937	76,645
Other Equipment	16,758	39,685	38,851	13,357
Total Underground Storage Plant	2,438,709	2,342,113	2,399,281	1,898,165
Other Storage Plant	183,412	182,349	182,095	179,990

See footnotes at end of table.

**Table 10. Composite Gas Utility Plant for Major Pipeline Companies,
December 31 (Continued)
(Thousands of Dollars)**

Item	1984	1983	1982	1981
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	\$577,400	NE	NE
Total Natural Gas Storage and Processing Plant	\$2,622,120	3,101,862	\$2,581,377	\$2,078,155
Transmission Plant				
Land and Land Rights	60,262	56,801	52,112	46,530
Right-of-Way	358,297	342,273	310,782	279,098
Structures and Improvements	988,775	904,317	857,700	782,292
Mains	20,431,267	19,767,905	17,637,808	16,219,903
Compressor Station Equipment	4,307,219	4,258,365	4,008,854	3,702,906
Measuring and Regulating Equipment	560,800	528,246	455,824	358,737
Communication Equipment	232,340	214,112	176,010	159,752
Other Transmission Equipment	192,031	196,206	181,204	120,842
Total Transmission Plant	27,130,992	26,268,225	23,680,294	21,670,061
Distribution Plant	1,970,766	1,736,346	1,432,317	262,574
General Plant				
Land and Land Rights	14,728	14,610	17,025	7,099
Structures and Improvements	348,073	327,646	255,980	157,343
Office Furniture and Equipment	263,254	239,620	188,072	134,177
Transportation Equipment	430,117	397,402	382,895	298,361
Stores Equipment	4,289	4,908	3,844	2,038
Tools, Shop and Garage Equipment	106,218	100,160	94,002	69,253
Laboratory Equipment	11,187	10,410	9,230	7,180
Power Operated Equipment	101,031	84,293	72,368	55,272
Communication Equipment	40,628	33,093	26,653	14,140
Miscellaneous Equipment	18,812	14,714	10,878	7,397
Subtotal General Plant	1,338,336	1,226,856	1,060,947	752,262
Other Tangible Property	63,599	2,747	2,950	2,711
Total General Plant	1,401,934	1,229,604	1,063,897	754,973
Gas Plant Purchased	NE	678	13,254	4,028
Gas Plant Sold	-464	NE	-1,852	178
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service ¹	41,234,188	40,194,054	36,069,344	31,062,973
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	3,140	1,452	2,686	4,765
Manufactured Gas Production Plant	109	85	60	70
Natural Gas Production Plant				
Production and Gathering Plant	265,196	317,626	791,256	776,340
Products Extraction Plant	58,015	43,284	16,797	25,323
Total Natural Gas Production Plant	323,211	360,911	808,052	801,662
Natural Gas Storage Plant				
Underground Storage Plant	55,572	72,070	204,999	74,577
Other Storage Plant	1,072	637	2,169	955
Base Load Liquefied Natural Gas				
Terminaling and Processing Plant	NE	2,881	NE	NE
Total Natural Gas Storage Plant	56,644	75,588	207,169	75,532
Transmission Plant	837,529	2,089,674	1,608,242	1,778,372
Distribution Plant	111,401	72,719	75,541	20,416
General Plant	179,290	219,892	201,763	179,815
Gas Plant Purchased	532,139	-4,384	19,536	6,135
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	2,043,463	2,815,936	2,923,050	2,866,767
Retirements				
Intangible Plant	94	57	89	28
Manufactured Gas Production Plant	85	66	5	148
Natural Gas Production Plant				
Production and Gathering Plant	115,429	86,549	47,358	45,678
Products Extraction Plant	4,726	523	1,967	2,038
Total Natural Gas Production Plant	120,155	87,072	49,324	47,716

See footnotes at end of table.

**Table 10. Composite Gas Utility Plant for Major Pipeline Companies,
December 31 (Continued)
(Thousands of Dollars)**

Item	1984	1983	1982	1981
Natural Gas Storage Plant				
Underground Storage Plant	\$7,168	\$11,192	\$4,962	\$4,848
Other Storage Plant	13	387	84	72
Base Load Liquefied Natural Gas				
Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	7,180	11,579	5,046	4,920
Transmission Plant	105,059	93,432	66,051	60,149
Distribution Plant	14,516	8,755	8,298	2,056
General Plant	83,230	88,813	47,962	32,888
Gas Plant Sold	11,727	361	10,717	6,993
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	342,047	290,135	187,491	154,898

See footnotes at end of table.

**Table 10. Composite Gas Utility Plant for Major Pipeline Companies,
December 31 (Continued)
(Thousands of Dollars)**

Item	1980	1979
Summary Gas Plant Accounts		
Gas Plant in Service	\$28,086,289	\$26,127,226
Gas Plant Leased to Others	19,958	19,951
Gas Plant Held for Future Use	361,038	348,894
Gas Plant Construction Work in Progress	737,361	623,669
Gas Plant Acquisition Adjustments	2,718	2,736
Total Gas Utility Plant	29,197,364	27,122,477
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	14,569,491	13,394,767
Net Gas Utility Plant	14,627,873	13,727,710
Gas Utility Plant in Service		
Intangible Plant	45,204	46,639
Manufactured Gas Production Plant	8,566	8,432
Natural Gas Production Plant		
Production and Gathering Plant		
Producing Lands	1,322	1,251
Producing Leaseholds	219,846	221,406
Gas Rights	49,037	44,261
Right-of-Way	66,252	55,485
Other Land and Land Rights	4,752	3,915
Gas Well Structures	1,795	1,768
Field Compressor Station Structures	73,001	59,122
Field Measuring and Regulating Station Structures	18,568	15,572
Other Structures	78,290	68,927
Producing Gas Wells (well construction)	1,030,400	891,028
Producing Gas Wells (well equipment)	364,780	319,120
Field Lines	2,076,649	1,723,844
Field Compressor Station Equipment	611,639	547,243
Field Measuring and Regulating Station Equipment	219,925	178,509
Drilling and Cleaning Equipment	3,774	3,649
Purification Equipment	322,124	281,004
Other Equipment	29,124	26,360
Unsuccessful Exploration and Development Costs	237,006	203,037
Total Production and Gathering Plant	5,408,285	4,645,501
Products Extraction Plant		
Land and Land Rights	951	924
Structures and Improvements	30,329	28,347
Extraction and Refining Equipment	152,231	146,830
Pipelines	17,816	15,224
Extracted Products Storage Equipment	12,870	12,144
Compressor Equipment	11,034	9,927
Gas Measuring and Regulating Equipment	396	375
Other Equipment	4,455	4,333
Total Products Extraction Plant	230,083	218,040
Total Natural Gas Production Plant	5,638,368	4,863,541
Natural Gas Storage and Processing Plant		
Underground Storage Plant		
Land	6,570	4,612
Right-of-Way	8,040	6,263
Structures and Improvements	88,176	71,241
Wells	608,421	553,859
Storage Leaseholds and Rights	75,219	68,530
Reservoirs	81,566	76,302
Nonrecoverable Natural Gas	94,110	87,666
Lines	345,952	301,456
Compressor Station Equipment	397,360	332,277
Measuring and Regulating Equipment	45,770	62,395
Purification Equipment	67,172	54,369
Other Equipment	13,082	11,170
Total Underground Storage Plant	1,831,438	1,630,141
Other Storage Plant	168,972	166,174

See footnotes at end of table.

**Table 10. Composite Gas Utility Plant for Major Pipeline Companies,
December 31 (Continued)
(Thousands of Dollars)**

Item	1980	1979
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE
Total Natural Gas Storage and Processing Plant	\$2,000,410	\$1,796,315
Transmission Plant		
Land and Land Rights	44,575	41,905
Right-of-Way	258,457	250,230
Structures and Improvements	724,308	693,644
Mains	14,574,214	13,939,175
Compressor Station Equipment	3,395,941	3,239,395
Measuring and Regulating Equipment	304,924	271,179
Communication Equipment	136,627	126,347
Other Transmission Equipment	95,991	86,091
Total Transmission Plant	19,535,037	18,648,507
Distribution Plant	244,000	245,791
General Plant		
Land and Land Rights	6,231	6,197
Structures and Improvements	122,164	107,621
Office Furniture and Equipment	108,787	98,087
Transportation Equipment	239,447	184,188
Stores Equipment	1,879	1,694
Tools, Shop and Garage Equipment	60,297	52,853
Laboratory Equipment	6,357	5,687
Power Operated Equipment	49,495	44,351
Communication Equipment	12,095	10,782
Miscellaneous Equipment	6,142	5,407
Subtotal General Plant	612,896	516,866
Other Tangible Property	1,808	1,137
Total General Plant	614,704	518,003
Gas Plant Purchased	NE	NE
Gas Plant Sold	NE	NE
Experimental Plant Unclassified	NE	NE
Total Gas Utility Plant in Service ¹	28,086,289	26,127,226
Additions and Retirements of Gas Plant		
Additions		
Intangible Plant	1,544	1,613
Manufactured Gas Production Plant	144	275
Natural Gas Production Plant		
Production and Gathering Plant	685,532	624,798
Products Extraction Plant	14,349	9,364
Total Natural Gas Production Plant	697,880	634,162
Natural Gas Storage Plant		
Underground Storage Plant	210,560	98,477
Other Storage Plant	2,911	26,952
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE
Total Natural Gas Storage Plant	213,471	125,429
Transmission Plant	937,565	714,380
Distribution Plant	20,594	21,248
General Plant	126,916	83,786
Gas Plant Purchased	86	9,201
Experimental Plant Unclassified	NE	NE
Total Gas Plant Additions	1,998,201	1,590,094
Retirements		
Intangible Plant	3,002	5
Manufactured Gas Production Plant	10	201
Natural Gas Production Plant		
Production and Gathering Plant	19,811	26,733
Products Extraction Plant	1,604	810
Total Natural Gas Production Plant	21,414	27,543

See footnotes at end of table.

**Table 10. Composite Gas Utility Plant for Major Pipeline Companies,
December 31 (Continued)
(Thousands of Dollars)**

Item	1980	1979
Natural Gas Storage Plant		
Underground Storage Plant	\$5,711	\$4,243
Other Storage Plant	113	20
Base Load Liquefied Natural Gas		
Terminaling and Processing Plant	NE	NE
Total Natural Gas Storage Plant	5,824	4,263
Transmission Plant	58,938	48,577
Distribution Plant	2,528	3,114
General Plant	27,375	31,460
Gas Plant Sold	3,378	838
Experimental Plant Unclassified	NE	NE
Total Gas Plant Retirements	122,469	116,002

¹ In 1983, El Paso Natural Gas Company adjustments to total gas plant in service includes \$61,451,923 representing tax deficiency attributable to Mid-Louisiana adjustments.

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals. From 1984 to 1986, detail may not add to totals due to lack of detail in the data for Arkla, Inc.. Total values are correct.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 11. Balance Sheet Relationships, Major Pipeline Companies

Relationship	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979
Gross Gas Utility Plant Per Dollar of										
Gas Operating Revenues	1.68	1.62	1.28	0.89	0.75	0.72	0.68	0.69	0.76	0.92
Net Gas Utility Plant Per Dollar of										
Gas Operating Revenues	.71	.70	.57	.42	.37	.37	.36	.35	.38	.47
Current Assets Divided by Current Liabilities	.61	.78	.91	1.00	1.25	1.23	1.08	1.02	1.07	1.02
Percent of Capitalization and Retained Earnings:										
Long-Term Debt	43.43	42.64	41.09	39.73	39.41	41.65	42.60	41.70	40.90	41.80
Preferred Stock	1.29	1.85	3.98	4.23	4.66	4.46	4.81	4.90	5.60	5.30
Common Stock and Other Capital Accounts	31.67	28.71	25.53	27.18	29.62	28.20	28.28	30.50	30.70	29.70
Retained Earnings	23.61	26.80	29.40	28.86	26.31	25.69	24.84	22.80	22.70	23.30
Long-Term Debt:										
Percent of Gross Gas Utility Plant	32.10	33.46	32.17	34.61	36.78	39.06	39.75	39.50	37.10	36.30
Percent of Net Gas Utility Plant	76.58	77.52	71.87	73.19	75.41	76.04	75.25	77.80	74.10	71.60
Accumulated Provision for Depreciation, Amortization, and Depletion Percent of Gross Gas Plant	58.08	56.84	55.24	52.71	51.23	48.63	47.18	49.20	49.90	49.40

Note: Due to rounding, detail may not add to totals. Data not adjusted for effect of rate case settlements.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 12. Composite Gas Account for Major Pipeline Companies, Year Ended December 31
(Million Cubic Feet)

Item	1988	1987	1986	1985
Gas Received				
Natural Gas Produced	131,360	166,227	227,484	355,794
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	-	-	-	2
Manufactured Gas Produced and Mixed with Natural Gas	-	-	-	3,495
Natural Gas Purchased ¹	6,717,263	6,802,260	8,198,331	11,541,462
Gas of Others Received for Transportation or Compression	15,721,396	13,176,533	9,637,083	8,517,134
Receipts of Respondents Gas Transported or Compressed by Others	3,912,862	3,777,362	3,931,852	4,636,305
Exchange Gas Received	7,383,569	7,304,829	6,624,012	6,862,556
Gas Received from Underground Storage	1,072,001	958,089	913,840	1,341,427
Other Receipts	109,160	102,758	78,554	92,922
Total Receipts	35,047,611	32,288,060	29,611,157	33,351,097
Gas Delivered				
Natural Gas Sales				
Local Distribution	495,880	326,148	343,546	705,645
Main Line Industrial Sales	263,028	299,693	403,283	726,322
Sales for Resale	5,646,911	5,873,071	7,069,430	9,896,420
Interdepartmental Sales	-	-	-	107
Total Natural Gas Sales	6,405,820	6,498,912	7,816,259	11,328,495
Deliveries of Gas Transported or Compressed for Others	15,704,609	13,192,429	9,619,897	8,597,069
Deliveries of Respondents Gas Transported or Compressed by Others	3,922,829	3,754,444	3,975,109	4,655,230
Exchange Gas Delivered	7,346,255	7,280,566	6,628,989	6,850,878
Natural Gas Used by Respondents	364,621	363,991	418,636	522,150
Natural Gas Delivered to Storage	1,101,392	951,572	991,597	1,173,507
Natural Gas for Franchise Requirements	30	27	-	-
Other Deliveries	88,662	73,723	42,809	67,417
Total Deliveries	34,934,218	32,115,663	29,493,295	33,194,746
Unaccounted for				
Production Systems Losses	-	-	-4,669	-
Storage Losses	20,911	71,002	40,962	25,363
Transmission System Losses	31,247	77,223	47,122	59,939
Distribution System Losses	9,151	5,833	-347	14,122
Other Losses	52,085	18,339	34,794	56,926
Total Unaccounted for	113,393	172,397	117,861	156,351
Total Deliveries and Unaccounted for	35,047,611	32,288,060	29,611,157	33,351,097

See footnotes at end of table.

Table 12. Composite Gas Account for Major Pipeline Companies, Year Ended December 31 (Continued)
(Million Cubic Feet)

Item	1984	1983	1982	1981
Gas Received				
Natural Gas Produced	401,476	386,403	471,050	558,754
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	1	52	29	8
Manufactured Gas Produced and Mixed with Natural Gas	2,324	3,174	-	-
Natural Gas Purchased ¹	13,556,641	12,869,237	15,002,962	15,591,052
Gas of Others Received for Transportation or Compression	7,317,324	5,973,697	6,141,975	6,354,749
Receipts of Respondents Gas Transported or Compressed by Others	5,048,650	4,861,226	5,736,766	5,844,291
Exchange Gas Received	7,301,834	6,470,519	6,632,032	6,350,454
Gas Received from Underground Storage	1,091,784	1,241,204	1,156,445	1,001,117
Other Receipts	110,730	104,581	111,975	54,519
Total Receipts	34,830,763	31,910,093	35,253,235	35,754,944
Gas Delivered				
Natural Gas Sales				
Local Distribution	756,317	681,033	612,751	156,388
Main Line Industrial Sales	827,732	650,722	845,905	957,955
Sales for Resale	11,569,543	11,572,035	12,972,516	14,098,779
Interdepartmental Sales	113	113	173	143
Total Natural Gas Sales	13,153,705	12,903,903	14,431,346	15,213,305
Deliveries of Gas Transported or Compressed for Others	7,316,348	5,972,607	6,125,033	6,286,735
Deliveries of Respondents Gas Transported or Compressed by Others	5,039,759	4,885,770	5,742,003	5,850,408
Exchange Gas Delivered	7,288,311	6,475,033	6,639,715	6,384,562
Natural Gas Used by Respondents	581,213	527,194	659,634	724,948
Natural Gas Delivered to Storage	1,236,129	977,901	1,444,970	1,144,906
Natural Gas for Franchise Requirements	-	22	28	-
Other Deliveries	129,513	72,417	90,510	56,480
Total Deliveries	34,744,978	31,814,848	35,133,238	35,661,344
Unaccounted for				
Production Systems Losses	-	-	-	-
Storage Losses	7,706	19,551	10,411	7,751
Transmission System Losses	43,098	27,349	58,955	37,636
Distribution System Losses	-7,214	16,884	8,208	24
Other Losses	42,195	31,462	42,423	48,188
Total Unaccounted for	85,785	95,246	119,997	93,600
Total Deliveries and Unaccounted for	34,830,763	31,910,093	35,253,235	35,754,944

See footnotes at end of table.

Table 12. Composite Gas Account for Major Pipeline Companies, Year Ended December 31 (Continued)
(Million Cubic Feet)

Item	1980	1979
Gas Received		
Natural Gas Produced	620,309	625,067
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	36
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE
Natural Gas Purchased ¹	15,118,029	15,424,829
Gas of Others Received for Transportation or Compression	4,569,132	4,287,617
Receipts of Respondents Gas Transported or Compressed by Others	5,042,002	4,061,993
Exchange Gas Received	5,995,519	5,640,649
Gas Received from Underground Storage	1,075,908	1,050,094
Other Receipts	54,953	188,319
Total Receipts	32,475,853	31,278,645
Gas Delivered		
Natural Gas Sales		
Local Distribution	160,015	183,574
Main Line Industrial Sales	951,266	845,161
Sales for Resale	13,832,332	14,055,043
Interdepartmental Sales	3,743	4,118
Total Natural Gas Sales	14,947,356	15,087,895
Deliveries of Gas Transported or Compressed for Others	4,528,884	4,284,521
Deliveries of Respondents Gas Transported or Compressed by Others	5,057,677	4,065,743
Exchange Gas Delivered	6,039,030	5,637,038
Natural Gas Used by Respondents	704,688	728,842
Natural Gas Delivered to Storage	1,082,563	1,198,443
Natural Gas for Franchise Requirements	NE	NE
Other Deliveries	55,900	196,083
Total Deliveries	32,416,097	31,198,565
Unaccounted for		
Production Systems Losses	1,908	10,965
Storage Losses	-1,901	2,276
Transmission System Losses	27,457	19,024
Distribution System Losses	30	916
Other Losses	32,262	46,898
Total Unaccounted for	59,756	80,079
Total Deliveries and Unaccounted for	32,475,853	31,278,645

¹ Includes other gas purchased, i.e., LNG, SNG.

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals. Gas account adjusted to a standard uniform measurement base of 14.73 Psia and 60 degrees Fahrenheit. From 1984 to 1986, detail may not add to totals due to lack of detail in the data for Arkla, Inc.. Total values are correct. No attempt has been made to consolidate accounts. The combined totals represent the sum of all accounts as reported by the individual companies and thus include intercompany transactions.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

**Table 13. Investment Tax Credits for All Major Pipeline Companies,
1963 - 1988**

Method of Accounting	Generated	Utilized		Number of Companies
		Amount	Percent	
Flow Through Company	\$1,462,538,950	\$1,368,371,516	65.4	28
Deferred Company	707,201,484	706,072,788	33.7	16
Flow Through Consumers	0	0	.0	0
Deferred Consumers	17,670,354	17,657,608	.8	1
Not Stated	32,883,269	0	.0	1
Not Applicable	29,592,728	0	.0	3
Total	2,249,886,785	2,092,101,912	100.0	50
Year 1988 Only	3,488,104	1,187,455		

Note: Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

**Table 14. Record of Investment Tax Credits Generated and Utilized
for All Major Pipeline Companies, 1963-1988**

Company	Investment Tax Credits Generated and Utilized					
	Combined 1963-1986		1987		1988	
	Generated	Utilized	Generated	Utilized	Generated	Utilized
Algonquin Gas Transmission Company	\$12,527,851	\$11,577,096	NE	NE	NE	NE
ANR Pipeline Company	189,998,430	189,998,430	NE	NE	NE	NE
Arkla, Inc.	67,316,500	67,316,500	NE	NE	NE	NE
CNG Transmission Corp.	72,055,556	72,055,556	-\$16,000	-\$16,000	-\$6,000	-\$6,000
Colorado Interstate Gas Co.	50,992,670	50,992,670	NE	NE	NE	NE
Columbia Gas Transmission Corp.	52,910,462	52,910,462	-16,385	-16,385	NE	NE
Columbia Gas Transmission Corp.	23,481,327	23,481,327	NE	NE	NE	NE
Columbia Gulf Transmission Co.	57,392,226	59,043,750	NE	NE	NE	NE
Columbia Gulf Transmission Co.	19,732,414	19,732,414	NE	NE	NE	NE
East Tennessee Natural Gas Company	4,785,350	4,785,350	NE	NE	NE	NE
El Paso Natural Gas Company	140,445,643	141,610,591	NE	NE	NE	NE
Enron Corporation	181,649,833	181,649,833	NE	NE	NE	NE
Enserch Corp.	54,856,062	54,856,512	NE	NE	NE	NE
Florida Gas Transmission Company	24,343,688	23,968,398	NE	NE	NE	NE
Great Lakes Gas Transmission Company	1,740,176	1,740,176	5,153	5,153	NE	NE
High Island Offshore System	32,879,805	NE	1,732	NE	NE	NE
K-N Energy, Inc.	2,300,000	NE	NE	NE	NE	NE
Michigan Consolidated Gas Company	79,493,310	79,493,310	NE	NE	NE	NE
Michigan Gas Storage Company	1,465,535	1,465,535	NE	NE	NE	NE
Midwestern Gas Transmission Company	6,783,255	6,349,755	NE	NE	NE	NE
Mississippi River Transmission Corp.	25,477,424	25,457,453	NE	NE	NE	NE
Mountain Fuel Supply Co.	17,670,354	17,657,608	NE	NE	NE	NE
National Fuel Gas Dist. Corp.	25,229,654	25,229,654	NE	NE	NE	NE
National Fuel Gas Supply Corporation	1,468,584	1,468,584	NE	NE	NE	NE
Natural Gas Pipeline Company of America	152,169,122	152,169,122	1,062,122	1,062,122	NE	NE
Northern Border Pipeline Company	29,415,616	NE	NE	NE	NE	NE
Northwest Pipeline Corporation	82,222,305	71,187,305	NE	NE	NE	NE
Pacific Gas Transmission Company	23,898,965	23,715,580	12,235	12,235	NE	NE
Panhandle Eastern Pipe Line Co.	49,985,507	44,374,548	3,447,477	NE	NE	NE
Panhandle Eastern Pipe Line Co.	24,800,295	24,800,295	NE	NE	NE	NE
Questar Pipeline Company	5,140,213	5,140,213	NE	NE	NE	NE
Sea Robin Pipeline Company	19,936,381	19,936,381	12,615	505	NE	NE
Southern Natural Gas Company	81,909,677	81,909,677	NE	NE	NE	NE
Stingray Pipeline Company	18,457,999	18,369,990	NE	NE	NE	NE
Tennessee Gas Pipeline Co.	203,181,389	165,616,889	1,934,900	NE	NE	NE
Texas Eastern Transmission Corp.	142,980,000	121,521,000	NE	NE	NE	NE
Texas Gas Pipeline Corp.	62,994	69,350	NE	NE	NE	NE
Texas Gas Transmission Corp.	5,254,900	5,254,900	NE	NE	NE	NE
Texas Gas Transmission Corp.	14,953,128	14,953,128	NE	NE	NE	NE
Trailblazer Pipeline Co.	146,800	NE	NE	NE	NE	NE
Transcontinental Gas P. L. Corp.	33,579,595	33,579,595	609,109	609,109	NE	NE
Transwestern Pipeline Co.	41,052,000	34,384,400	NE	NE	NE	NE
Trunkline Gas Company	63,186,215	60,146,496	164,322	NE	142,088	NE
Trunkline LNG Co.	58,335	58,335	NE	NE	NE	NE
U.T. Offshore System	30,312	NE	NE	NE	NE	NE
United Gas Pipe Line Company	65,156,908	64,543,777	NE	NE	NE	-12,264
Williams Natural Gas Company	34,214,344	34,293,481	NE	NE	NE	NE
Williston Basin Interstate P. L. Corp.	392,292	392,292	NE	NE	NE	NE
Total	2,239,181,401	2,089,257,718	7,217,280	1,656,739	136,088	-18,264

See footnotes at end of table.

**Table 14. Record of Investment Tax Credits Generated and Utilized
for all Major Pipeline Companies, 1963-1988 (Continued)**

Company			
	Dec. 31, 1988 Unused Credits Available ¹	Dec. 31, 1988 Accumulated Deferred Credits	Method of Accounting ²
Algonquin Gas Transmission Company	NE	NE	1
ANR Pipeline Company ³	NE	\$8,098,272	2
Arkla, Inc. ⁴	NE	NE	1
CNG Transmission Corp. ⁵	NE	2,865,852	2
Colorado Interstate Gas Co. ⁶	NE	135,126	2
Columbia Gas Transmission Corp.	NE	558,917	1
Columbia Gas Transmission Corp.	NE	NE	2
Columbia Gulf Transmission Co.	NE	378,939	1
Columbia Gulf Transmission Co.	NE	NE	2
East Tennessee Natural Gas Company ..	NE	22,800	1
El Paso Natural Gas Company	NE	2,245,567	2
Enron Corporation ⁷	NE	800,342	1
Enserch Corporation ⁸	NE	NE	1
Florida Gas Transmission Company	NE	108,800	1
Great Lakes Gas Transmission Company ..	NE	NE	1
High Island Offshore System	\$1,732	NE	10
K-N Energy, Inc. ⁹	NE	536,574	2
Michigan Consolidated Gas Company	NE	49,678,282	2
Michigan Gas Storage Company	NE	NE	2
Midwestern Gas Transmission Company ..	NE	191,500	1
Mississippi River Transmission Corp.	NE	NE	1
Mountain Fuel Supply Co.	NE	NE	4
National Fuel Gas Dist. Corp.	NE	NE	1
National Fuel Gas Supply Corporation ..	NE	NE	1
Natural Gas Pipeline Company of America ..	NE	NE	1
Northern Border Pipeline Company	NE	NE	6
Northwest Pipeline Corporation	NE	251,000	1
Pacific Gas Transmission Company	NE	569,728	1
Panhandle Eastern Pipe Line Co.	2,313,523	3,664,779	1
Panhandle Eastern Pipe Line Co.	NE	NE	2
Questar Pipeline Company ¹⁰	NE	NE	2
Sea Robin Pipeline Company	12,110	12,110	1
Southern Natural Gas Company	NE	NE	2
Stingray Pipeline Company	NE	680,081	1
Tennessee Gas Pipeline Co. ¹¹	NE	3,865,787	1
Texas Eastern Transmission Corp.	NE	1,902,000	1
Texas Gas Pipeline Corp.	NE	NE	2
Texas Gas Transmission Corp.	NE	NE	1
Texas Gas Transmission Corp.	NE	NE	2
Trailblazer Pipeline Co.	NE	NE	6
Transcontinental Gas P. L. Corp.	NE	NE	2
Transwestern Pipeline Co.	NE	60,000	1
Trunkline Gas Company	142,088	NE	1
Trunkline LNG Co.	NE	NE	1
U.T. Offshore System	NE	NE	6
United Gas Pipe Line Company	12,264	588,603	1
Williams Natural Gas Company ¹²	NE	483,096	1
Williston Basin Interstate P. L. Corp.	NE	6,457,306	2
TOTAL	2,481,717	84,155,461	

¹ This unused credit available is the current year minus utilized data. If this value is negative, the company uses the historical unused credit available data.

² Method of Accounting :

- 1- Flow through company
- 2- Deferred company
- 3- Flow through consumers
- 4- Deferred consumers
- 5- Not stated
- 6- Not applicable

³ Formerly Michigan Wisconsin Pipeline Company.

⁴ Formerly Arkla Energy Resources, previously Arkansas Louisiana Gas Co.

⁵ Formerly Consolidated Gas Transmission Corp., previously Consolidated Gas Supply Co.

⁶ Formerly Colorado Interstate Corp.

⁷ Formerly Northern Natural Gas Company.

⁸ Formerly Lone Star Gas Co., a division of Enserch Corp.

⁹ Formerly Kansas Nebraska Natural Gas Co.

¹⁰ Formerly Mountain Fuel Resources Inc.

¹¹ Formerly Tenneco, Inc., previously Tennessee Gas Pipeline Co., a division of Tenneco, Inc.

¹² Formerly Northwest Central Pipeline Corp., previously Cities Service Gas Co.

NE No entry this period.

Table 15. Gas Prepayments and Undelivered Gas Obligations for All Major Pipeline Companies, December 31

Company	1988		1987	
	Volume in Million Cubic Feet	Amount in Thousands of Dollars	Volume in Million Cubic Feet	Amount in Thousands of Dollars
ANR Pipeline Company ¹	NE	NE	56,760	\$139,759
Arkla, Inc. ²	NE	NE	NE	132,294
Colorado Interstate Gas Co. ³	7,819	\$14,653	5,727	11,426
Columbia Gas Transmission Corp.	9,693	105,624	15,956	150,132
East Tennessee Natural Gas Company	NE	NE	4,187	11,760
El Paso Natural Gas Company	82,487	141,131	18,693	74,177
Enron Corporation ⁴	1,672	28,448	8,601	60,552
Florida Gas Transmission Company	63	140	NE	NE
K-N Energy, Inc. ⁵	6,878	13,955	7,357	12,134
Natural Gas Pipeline Co of America	8,783	11,709	20,886	49,696
Northwest Pipeline Corporation	NE	NE	1,366	2,750
Panhandle Eastern Pipe Line Company	NE	NE	8,904	31,541
Questar Pipeline Company ⁶	NE	NE	2,269	5,577
Southern Natural Gas Company	485	725	2,784	8,774
Tennessee Gas Pipeline Company ⁷	2,712	6,751	3,628	10,385
Transco Gas Supply Company	NE	NE	1,284	3,315
Transcontinental Gas Pipe Line Corp	12,515	28,822	19,348	50,618
Transwestern Pipeline Company	705	5,030	964	5,284
Trunkline Gas Company	11,613	26,369	14,623	32,824
Williams Natural Gas Company ⁸	NE	NE	1,794	8,665
Williston Basin Interstate P. L. Corp.	480	405	521	472
Total	145,905	383,761	195,652	802,135

¹ Formerly Michigan Wisconsin Pipeline Company.

² Formerly Arkla Energy Resources, previously Arkansas Louisiana Gas Co.

³ Formerly Colorado Interstate Corp.

⁴ Formerly Northern Natural Gas Company.

⁵ Formerly Kansas Nebraska Natural Gas Company.

⁶ Formerly Mountain Fuel Resources Inc.

⁷ Formerly Tenneco, Inc. previously Tennessee Gas Pipeline Co., a Division of Tenneco, Inc.

⁸ Formerly Northwest Central Pipeline Corporation, previously Cities Services Gas Co.

NE No entry this period.

Note: Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 16. Advance Payments Recorded for All Major Pipeline Companies, as of December 31, 1988

Company	Account 124	Account 166	Account 167	Total
	Other Investments	Advances for Gas Development and Production	Other Advances for Gas	
ANR Pipeline Company ¹	NE	NE	\$4,117,353	\$4,117,353
Columbia Gas Transmission Corporation	NE	NE	337,263	337,263
Enron Corporation ²	NE	NE	170,211	170,211
Mississippi River Transmission Corporation	NE	NE	11,274,580	11,274,580
Natural Gas Pipeline Company of America	NE	NE	102,576	102,576
Transcontinental Gas Pipe Line Corporation	\$695,895	NE	695,895	1,391,790
Transwestern Pipeline Company	NE	NE	5,754	5,754
Total	695,895	NE	16,703,632	17,399,527

¹ Formerly Michigan Wisconsin Pipeline Company.

² Formerly Northern Natural Gas Company.

NE No entry this period.

Note: Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 17. Major Pipeline Companies Having Advance Payments for Gas During 1988

Company	Advance Payments			
	Beginning Balance	Advance During Year	Repayments During Year	Ending Balance
ANR Pipeline Company ¹	\$8,049,024	NE	\$3,931,671	\$4,117,353
Columbia Gas Transmission Corporation	389,282	NE	52,019	337,263
Enron Corporation ²	6,146,611	NE	5,976,400	170,211
Mississippi River Transmission Corporation	11,339,759	NE	65,179	11,274,580
Natural Gas Pipeline Company of America	89,966	137,561	124,951	102,576
Transcontinental Gas Pipe Line Corporation	1,391,790	NE	NE	1,391,790
Transwestern Pipeline Company	NE	24,043	18,289	5,754
Total	27,406,432	161,604	10,168,509	17,399,527

¹ Formerly Michigan Wisconsin Pipeline Company.

² Formerly Northern Natural Gas Company.

NE No entry this period.

Note: Due to rounding detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 18. Sales, Advertising Expense, and Customer Service and Informational Expense for All Major Pipeline Companies, Year Ended December 31, 1988

Company	Account Titles and Uniform System of Account Numbers						
	Supervision 911	Demonstration and Selling Expense 912	Advertising Expense 913	Other Sales Expense 916	Total Sales Expense	Total Customer Service and Informational Expense	General Advertising Expense 930.1
Algonquin Gas Transmission Company	NE	NE	\$238,254	NE	\$238,254	NE	NE
ANR Pipeline Company ¹	NE	\$2,203,977	2,099,487	NE	4,303,464	\$1,743,653	\$15,761
Arkla, Incorporated ²	\$59,717	918,119	1,216,496	\$95,063	2,289,395	6,723,760	618,251
CNG Transmission Corp. ³	NE	228,880	139,998	NE	368,878	NE	20,186
Colorado Interstate Corporation ⁴	NE	60,026	643,114	NE	703,140	220,613	8,468
Columbia Gas Transmission Corporation	NE	NE	NE	NE	NE	NE	53,578
East Tennessee Natural Gas Company	NE	NE	211,405	NE	211,405	475,029	NE
El Paso Natural Gas Company	1,543,397	NE	NE	NE	1,543,397	NE	35,757
Enron Corporation ⁵	NE	2,121,685	NE	NE	2,121,685	745,127	341,840
Florida Gas Transmission Company	NE	517,715	NE	NE	517,715	NE	382,110
K-N Energy, Inc. ⁶	27,096	345,799	60,166	NE	433,061	469,175	122,120
Michigan Consolidated Gas Company	NE	159,654	NE	NE	159,654	8,154,359	NE
Midwestern Gas Transmission Company	NE	NE	NE	NE	NE	NE	977
National Fuel Gas Supply Corporation	NE	NE	NE	NE	NE	NE	66,972
Natural Gas Pipeline Company of America	NE	NE	NE	NE	NE	NE	325
Northern Border Pipeline Company	NE	189,243	NE	NE	189,243	13,819	24,763
Northwest Pipeline Corporation	NE	NE	NE	NE	NE	NE	7,630
Pacific Gas Transmission Company	NE	NE	NE	NE	NE	NE	44,480
Panhandle Eastern Pipe Line Company	NE	2,378,059	153,035	9,037	2,540,131	NE	430,231
Questar Pipeline Company ⁷	NE	NE	NE	NE	NE	NE	29,110
Southern Natural Gas Company	439,044	2,272,391	131,124	NE	2,842,559	174,937	807
Texas Eastern Transmission Corporation	NE	NE	NE	NE	NE	355	NE
Texas Gas Transmission Corporation	402,384	16,396	441,648	1,659,000	2,519,428	282,385	16,102
Transcontinental Gas Pipe Line Corporation	NE	NE	157,372	NE	157,372	NE	NE
Transwestern Pipeline Company	NE	78,709	NE	NE	78,709	NE	NE
Trunkline Gas Company	NE	1,222,961	51,713	NE	1,274,674	NE	133,779
United Gas Pipe Line Company	397,886	148,353	NE	NE	546,239	NE	6,452
Williams Natural Gas Company ⁸	71,603	296,393	NE	123,574	491,570	NE	16,369
Williston Basin Interstate PL Co	NE	1,875	653	NE	2,528	NE	NE
Total	2,941,127	13,160,235	5,544,465	1,886,674	23,532,501	19,003,212	2,376,068

¹ Formerly Michigan Wisconsin Pipeline Company.

² Formerly Arkla Energy Resources, previously Arkansas Louisiana Gas Company.

³ Formerly Consolidated Gas Transmission Company, previously Consolidated Gas Supply Co.

⁴ Formerly Colorado Interstate Corporation.

⁵ Formerly Northern Natural Gas Company.

⁶ Formerly Kansas Nebraska Natural Gas Company.

⁷ Formerly Mountain Fuel Resources Inc.

⁸ Formerly Northwest Central Pipeline Corporation, previously Cities Service Gas Company.

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 19. Research, Development, and Demonstration Expenditure, for all Major Pipeline Companies, Year Ended December 31

Item	1988		1987	
	Amount	Percent	Amount	Percent
Within the Companies				
Pipeline				
Design	NE	0.0	\$50,100	0.0
Efficiency	\$30,876	.0	85,258	.1
Compressor Station				
Design	77,837	.0	199,252	.1
Efficiency	13	.0	18,162	.0
System Planning Engineering and Operation	NE	.0	NE	.0
Transmission Control and Dispatching	14,479	.0	28,757	.0
LNG Storage and Transportation	NE	.0	NE	.0
Underground Storage	NE	.0	37,495	.0
Other Storage	NE	.0	NE	.0
New Appliances and New Uses	869,391	.5	1,025,295	.6
Gas Exploration, Drilling				
Production and Recovery	NE	.0	3,258	.0
Coal Gasification	NE	.0	NE	.0
Synthetic Gas	NE	.0	NE	.0
Environmental Research	NE	.0	NE	.0
Other	NE	.0	6,278	.0
Total Within the Companies	992,596	.6	1,453,855	.9
Outside the Companies				
Research Support to				
American Gas Association	\$27,455,342	16.0	\$1,423,626	0.9
Other	143,342,835	83.4	154,949,544	98.2
Total Outside the Companies	170,798,177	99.4	156,373,170	99.1
Total Research, Development, and Demonstration Expenditures	171,790,773	100.0	157,827,025	100.0

NE No entry this period.

Note: Table 19 summarizes actual cost incurred where Table 20 reflects amount charged taking into consideration the beginning and ending of year balances for account 188. Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 20. Research, Development, and Demonstration Activities, Cost Incurred for All Major Pipeline Companies, Year Ended December 31

Company	1988	1987	1986	1985	1984
Algonquin Gas Transmission Company	\$2,732,226	\$3,167,526	\$2,249,999	\$2,350,791	\$2,421,370
ANR Pipeline Company ¹	3,047,770	2,462,182	4,696,526	6,442,674	7,642,341
CNG Transmission Corp. ²	7,105,437	6,717,773	5,841,666	5,978,040	6,418,639
Colorado Interstate Gas Co. ³	2,432,879	2,358,595	1,941,015	2,252,121	2,399,056
Columbia Gas Transmission Corp.	14,346,314	14,051,857	11,449,505	12,160,850	10,781,815
Columbia Gulf Transmission Company	249,068	249,068	161,865	301,239	356,754
East Tennessee Natural Gas Company	1,395,367	1,092,428	853,225	839,388	915,927
El Paso Natural Gas Company	16,821,863	16,272,517	11,983,523	13,489,747	12,527,041
Enron Corporation ⁴	11,779,599	9,833,903	8,206,235	10,261,215	9,976,735
Enserch Corporation ⁵	NE	NE	NE	305,626	293,273
Florida Gas Transmission Company	1,426,130	1,698,286	1,427,275	1,888,788	1,874,964
Great Lakes Gas Transmission Company	314,982	338,243	382,061	51,626	101,469
K-N Energy, Inc. ⁶	766,957	619,841	553,772	571,140	577,906
Michigan Consolidated Gas Company	950,012	1,083,092	1,070,420	581,472	331,607
Midwestern Gas Transmission Company	4,644,698	2,300,555	2,730,642	1,944,951	2,651,451
National Fuel Gas Supply Corporation	2,443,302	2,491,225	2,149,591	2,079,354	2,313,772
Natural Gas Pipeline Co of America	15,615,773	13,763,370	10,170,994	11,851,780	14,464,885
Northwest Pipeline Corporation	4,241,808	3,924,472	3,265,723	3,421,571	3,653,966
Pacific Gas Transmission Company	11,680,570	5,940,865	3,365,997	3,811,527	2,967,097
Panhandle Eastern Pipe Line Company	7,379,086	6,090,369	5,668,255	6,398,064	5,221,612
Questar Pipeline Company ⁷	1,468,654	1,352,159	1,302,851	1,348,570	350,676
Southern Natural Gas Company	7,124,187	6,624,741	5,545,122	5,985,752	6,262,314
Tennessee Gas Pipeline Company ⁸	7,428,840	8,657,409	5,184,999	5,396,371	6,117,205
Texas Eastern Transmission Corp.	6,878,667	6,909,109	5,485,094	5,004,922	5,773,798
Texas Gas Transmission Corp.	6,296,856	5,735,530	4,724,687	4,627,103	4,586,045
Transcontinental Gas Pipe Line Corp	16,844,556	16,917,943	13,363,140	11,735,062	11,801,457
Transwestern Pipeline Company	3,211,895	3,566,647	2,630,305	2,664,831	2,744,218
Trunkline Gas Company	4,209,413	4,164,288	4,545,688	2,720,575	2,617,701
United Gas Pipe Line Company	4,441,378	5,211,073	4,543,069	2,753,485	3,732,167
Williams Natural Gas Company ⁹	3,985,818	3,743,858	3,111,153	3,075,450	3,108,524
Williston Basin Interstate P. L. Corp.	526,668	488,101	232,014	NE	NE
Total	171,790,773	157,827,025	128,836,411	132,294,085	134,985,785

¹ Formerly Michigan Wisconsin Pipeline Company.

² Formerly Consolidated Gas Transmission Corporation, previously Consolidated Gas Supply Company.

³ Formerly Colorado Interstate Corporation.

⁴ Formerly Northern Natural Gas Company.

⁵ Formerly Lone Star Gas Company, a division of Enserch Corporation.

⁶ Formerly Kansas Nebraska Natural Gas Company.

⁷ Formerly Mountain Fuel Resources Inc.

⁸ Formerly Tenneco, Inc., previously Tennessee Gas Pipeline Company, division of Tenneco, Incorporated.

⁹ Formerly Northwest Central Pipeline Corporation, previously Cities Service Gas Company.

NE No entry this period.

Note: Due to rounding, detail may not add to totals. Table 19 summarizes actual cost incurred where Table 20 reflects amount charged taking into consideration the beginning and ending of year balances for account 188.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

**Table 21. Composite Physical Quantities for Major Pipeline Companies,
as of December 31**

Item	1988	1987	1986	1985
Physical Quantities				
Remaining Recoverable Salable Gas Reserves				
(millions of cubic feet)				
Total Reserves from Producing Gas Lands	1,997,971	2,375,992	3,262,348	5,941,751
Total Reserves from Nonproducing Gas Lands	5,783	5,788	14,502	18,476
Total Recoverable Salable Gas Reserves ¹	2,003,754	2,381,780	3,276,850	5,960,227
Gas Stored Underground				
(millions of cubic feet)				
Current	1,120,776	1,066,144	1,123,767	1,088,751
Noncurrent	1,883,095	1,876,560	1,875,553	1,890,785
LNG	3,798	1,916	3,576	4,088
Total Gas Stored Underground	3,007,672	2,944,620	3,002,894	2,983,622
Producing Gas Wells (number)				
Gas	13,476	16,107	17,160	20,125
Oil	317	391	486	457
Storage Wells (number) ²	10,957	12,022	13,269	13,503
Pipeline (miles)				
Field	55,542	62,944	64,468	69,634
Storage Lines	4,762	4,327	4,554	4,841
Transmission	191,574	181,187	184,634	189,703
Total Pipeline Miles	251,878	248,458	253,656	264,178

See footnotes at end of table.

**Table 21. Composite Physical Quantities for Major Pipeline Companies,
as of December 31 (Continued)**

Item	1984	1983	1982	1981
Physical Quantities				
Remaining Recoverable Salable Gas Reserves				
(millions of cubic feet)				
Total Reserves from Producing Gas Lands	5,679,739	7,096,022	9,259,137	9,287,517
Total Reserves from Nonproducing Gas Lands	23,401	126,813	56,314	152,912
Total Recoverable Salable Gas Reserves ¹	5,703,140	7,222,835	9,315,451	9,440,429
Gas Stored Underground				
(millions of cubic feet)				
Current	1,248,300	926,743	1,155,714	992,019
Noncurrent	1,765,832	1,811,261	1,832,299	1,406,420
LNG	20,867	134,006	162,089	20,040
Total Gas Stored Underground	3,035,001	2,872,009	3,150,102	2,418,479
Producing Gas Wells (number)				
Gas	19,032	18,222	24,257	23,524
Oil	468	4,093	700	432
Storage Wells (number) ²	13,288	12,666	13,265	8,776
Pipeline (miles)				
Field	65,179	63,736	64,563	59,041
Storage Lines	4,593	6,488	6,914	3,945
Transmission	183,363	176,722	178,038	154,399
Total Pipeline Miles	253,135	246,946	249,515	217,385

See footnotes at end of table.

**Table 21. Composite Physical Quantities for Major Pipeline Companies,
as of December 31 (Continued)**

Item	1980	1979
Physical Quantities		
Remaining Recoverable Salable Gas Reserves		
(millions of cubic feet)		
Total Reserves from Producing Gas Lands	10,162,015	10,106,762
Total Reserves from Nonproducing Gas Lands	164,948	210,989
Total Recoverable Salable Gas Reserves ¹	10,326,963	10,317,751
Gas Stored Underground		
(millions of cubic feet)		
Current	925,721	1,000,558
Noncurrent	1,624,395	1,536,974
LNG	20,965	6,753
Total Gas Stored Underground	2,571,081	2,544,285
Producing Gas Wells (number)		
Gas	21,571	22,904
Oil	627	541
Storage Wells (number) ²	11,071	12,225
Pipeline (miles)		
Field	56,561	53,259
Storage Lines	11,744	4,121
Transmission	161,871	163,101
Total Pipeline Miles	230,176	220,481

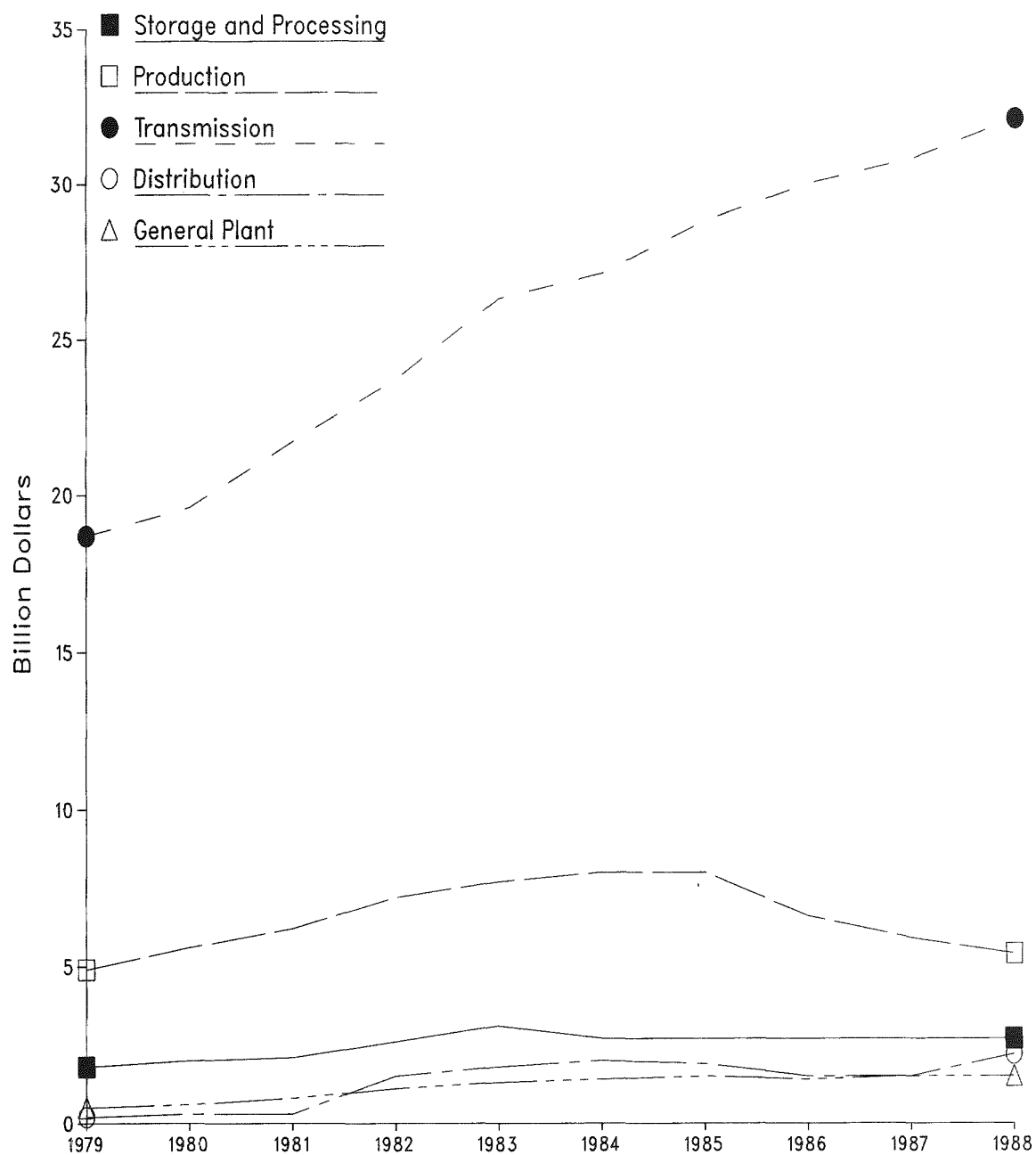
¹ No attempt has been made to consolidate accounts. The combined totals represent the sum of all accounts as reported by the individual companies and thus include intercompany transactions.

² Included are injection-withdrawal and/or observation wells.

Note: Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Figure 5. Composite Gas Utility Plant in Service 1979 - 1988



Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 22. Balance Sheet as of December 31, 1988

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$44,298,328,397	\$363,767,903	\$2,582,788,022	\$2,121,928,211
Gas Construction Work in Progress	703,796,164	1,789,207	6,922,386	65,223,412
Total Gas Utility Plant	45,002,124,561	365,557,110	2,589,710,408	2,187,151,623
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	26,137,145,105	160,643,054	1,755,688,900	856,786,861
Net Gas Utility Plant	18,864,979,456	204,914,056	834,021,508	1,330,364,762
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	119,811,833	NE	NE	NE
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	27,718,634	NE	NE	NE
Net Other Utility Plant	92,093,199	NE	NE	NE
All Utility Plant	44,417,176,736	363,767,903	2,582,788,022	2,121,928,212
All Utility Plant Construction Work in Progress	704,759,659	1,789,207	6,922,386	65,223,412
Total All Utility Plant	45,121,936,395	365,557,110	2,589,710,408	2,187,151,624
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	26,164,863,742	160,643,054	1,755,688,900	856,786,864
Net All Utility Plant	18,957,072,653	204,914,056	834,021,508	1,330,364,760
Gas Stored Underground (noncurrent)	1,071,013,519	NE	20,379,183	75,950,251
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	362,991,802	NE	NE	566,339
Investments in Associated Companies	1,484,103,353	NE	NE	NE
Investments in Subsidiary Companies	22,100,795,251	12,098,270	4,464,672	743,336,219
Other Investments	265,012,798	NE	NE	35,331,571
Special Funds	106,849,939	NE	NE	989,613
Total Other Property and Investments	24,319,753,143	12,098,270	4,464,672	780,223,742
Current and Accrued Assets				
Cash	17,686,931	78,303	2,332,734	9,935,439
Special Deposits	23,688,877	233,895	16,500	70,787
Working Funds	4,773,501	55,684	27,152	308,299
Temporary Cash Investments	430,083,460	NE	NE	297,100
Notes and Accounts Receivable (net)	2,970,571,461	70,554,658	96,585,730	134,386,528
Receivables from Associated Companies	4,392,132,169	30,172,965	487,340,764	45,669,439
Materials and Supplies	429,184,667	1,321,369	25,982,602	35,385,639
Gas Stored Underground	1,740,646,101	NE	283,744,800	70,459,881
Liquefied Natural Gas Stored	2,877,718	NE	NE	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	916,912,225	5,204,240	119,765,453	247,089,347
Advances for Gas Exploration, Development, and Production	5,492,400	NE	NE	NE
Other Advances for Gas	19,442,692	NE	5,031,185	NE
Other Current and Accrued Assets	1,908,067,788	NE	97,336,575	85,769,458
Total Current and Accrued Assets	12,861,559,981	107,621,114	1,118,163,495	629,371,917
Deferred Debits				
Unamortized Debt Expense	95,264,551	299,032	1,817,865	6,937,549
Extraordinary Property Losses	4,309,612	NE	NE	NE
Unrecovered Plant and Regulatory Study Costs	511,637	NE	NE	NE
Preliminary Survey and Investigation Charges	21,052,728	355,996	NE	NE
Clearing Accounts	19,069,542	72,904	NE	1,487,853
Deferred Losses from Disposition of Utility Plant	18,334	NE	NE	18,334
Research, Development, and Demonstration Expenditures	-646,599	NE	NE	NE
Unamortized Loss on Reacquired Debt	179,339,519	NE	4,086,651	15,424,037
Accumulated Deferred Income Taxes	1,744,734,220	21,079,400	129,084,981	25,671,215
Unrecovered Purchased Gas Costs	1,702,407,129	1,237,332	30,798,934	35,655,885
Unrecovered Incremental Gas Costs	-332	NE	NE	NE
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	3,766,747,030	3,473,422	90,413,649	21,820,036
Total Deferred Debits	7,532,807,361	26,518,086	256,202,080	107,014,909
Total Assets and Other Debits	64,742,206,657	351,151,526	2,233,230,938	2,922,925,579

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	\$2,064,074,015	\$15,066,000	\$100,000	\$52,753,980
Preferred Stock Issued	430,519,151	NE	2,646,095	130,000,000
Capital Stock Subscribed, Liability and Premium	6,059,384,617	2,000,000	85,505,280	183,972,910
Other Paid-in Capital	2,377,698,622	NE	460,208,403	8,290,426
Installments Received on Capital Stock	-80,000,000	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	30,898,127	NE	1,530,795	8,114,789
Retained Earnings	7,855,666,485	74,367,991	418,293,472	403,357,093
Unappropriated, Undistributed Subsidiary Earnings	164,665,950	3,486,247	NE	57,935,346
(Less) Reacquired Capital Stock	20,785,867	NE	NE	NE
Total Proprietary Capital	18,820,324,846	94,920,238	965,222,455	828,194,966
Long-Term Debt				
Bonds (less reacquired)	5,714,538,872	NE	325,401,872	254,747,000
Advances from Associated Companies	2,049,977,496	NE	NE	NE
Unamortized Premium Long-Term Debt	2,859,586	NE	97,263	NE
(Less) Unamortized Discount on Long-Term Debt--Dr.	334,823,925	NE	1,173,252	870,421
Other Long-Term Debt	7,013,976,207	72,800,000	72,500,000	688,437,768
Total Long-Term Debt	14,446,528,236	72,800,000	396,825,883	942,314,347
Other Noncurrent Liabilities				
Obligations Under Capital Leases	81,246,178	NE	48,402,564	NE
Accumulated Provision for Property Insurance	594,770	NE	NE	NE
Accumulated Provision for Injuries and Damages	40,619,943	NE	NE	3,648,868
Accumulated Provision for Pensions and Benefits	17,377,322	NE	1,913,798	NE
Accumulated Miscellaneous Operating Provisions	26,141,808	NE	NE	53,498
Accumulated Provision for Rate Refunds	1,937,637,738	51,353,199	187,093,086	3,599,423
Total Other Noncurrent Liabilities	2,103,617,759	51,353,199	237,409,448	7,301,789
Current and Accrued Liabilities				
Notes Payable	1,368,020,769	NE	NE	336,000,000
Accounts Payable	3,507,732,534	62,701,467	244,335,828	151,488,871
Payables to Associated Companies	12,987,177,157	NE	10,043,324	70,768,351
Taxes Accrued	333,721,717	32,558,968	60,117,864	37,225,178
Interest Accrued	392,114,449	829,835	10,344,541	27,907,806
Dividends Declared	66,141,702	NE	2,279,556	NE
Tax Collections Payable	19,720,453	18,329	744,179	3,149,675
Other Current and Accrued Liabilities	2,556,592,003	5,543,375	11,325,499	52,995,179
Obligations Under Capital Leases	7,962,309	NE	5,412,000	NE
Total Current and Accrued Liabilities	21,239,183,094	101,651,974	344,602,791	679,535,060
Deferred Credits				
Customer Advances for Construction	12,906,232	NE	NE	3,504,630
Accumulated Deferred Investment Tax Credits	88,821,758	334,000	8,098,272	1,236,280
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	35,049,495	NE	3,970,410	3,966,581
Accumulated Deferred Income Taxes	6,256,054,875	29,670,782	275,116,457	335,247,921
Other Deferred Credits	1,739,720,360	421,333	1,985,222	121,624,005
Total Deferred Credits	8,132,552,720	30,426,115	289,170,361	465,579,417
Total Liabilities and Other Credits	64,742,206,654	351,151,526	2,233,230,938	2,922,925,579

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$1,314,703,695	\$726,204,916	\$2,004,202,878	\$1,080,996,960
Gas Construction Work in Progress	17,797,633	3,344,292	18,016,561	17,348,457
Total Gas Utility Plant	1,332,501,328	729,549,208	2,022,219,439	1,098,345,417
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	692,366,986	428,244,733	1,026,485,574	863,500,896
Net Gas Utility Plant	640,134,342	301,304,475	995,733,865	234,844,521
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	NE	NE	NE	NE
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	NE	NE	NE	NE
Net Other Utility Plant	NE	NE	NE	NE
All Utility Plant	1,314,703,695	726,204,916	2,004,202,878	1,080,996,960
All Utility Plant Construction Work in Progress	17,797,633	3,344,292	18,016,561	17,348,457
Total All Utility Plant	1,332,501,328	729,549,208	2,022,219,439	1,098,345,417
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	692,366,986	428,244,733	1,026,485,574	863,500,896
Net All Utility Plant	640,134,342	301,304,475	995,733,865	234,844,521
Gas Stored Underground (noncurrent)	51,867,005	38,388,198	135,090,312	NE
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	2,230,716	1,047	128,392,360	62,594
Investments in Associated Companies	NE	NE	NE	33,572,925
Investments in Subsidiary Companies	NE	35,901,812	NE	NE
Other Investments	392,172	NE	NE	NE
Special Funds	NE	72,834	NE	NE
Total Other Property and Investments	2,622,888	35,975,693	128,392,360	33,635,519
Current and Accrued Assets				
Cash	1,158,259	-30,994,116	443,569	NE
Special Deposits	48,191	249,495	20,419	3,100
Working Funds	2,349	42,070	99,858	9,900
Temporary Cash Investments	NE	NE	NE	NE
Notes and Accounts Receivable (net)	121,847,704	67,801,136	131,057,534	10,996,453
Receivables from Associated Companies	56,402,151	250,750,000	118,718,232	76,963,248
Materials and Supplies	9,417,165	9,430,203	21,817,412	5,183,327
Gas Stored Underground	63,173,729	46,966,155	221,646,895	NE
Liquefied Natural Gas Stored	NE	NE	NE	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	24,744,652	14,653,170	108,033,392	1,639,089
Advances for Gas Exploration, Development, and Production	NE	NE	NE	NE
Other Advances for Gas	NE	NE	337,263	NE
Other Current and Accrued Assets	17,143,255	63,682,344	150,951,457	52,276,362
Total Current and Accrued Assets	293,937,455	422,580,457	753,126,031	147,071,479
Deferred Debits				
Unamortized Debt Expense	NE	130,126	769,146	NE
Extraordinary Property Losses	4,313,638	NE	NE	NE
Unrecovered Plant and Regulatory Study Costs	NE	NE	NE	NE
Preliminary Survey and Investigation Charges	867,441	NE	7,821,369	60,735
Clearing Accounts	NE	NE	2,004,471	-18,757
Deferred Losses from Disposition of Utility Plant Research, Development, and Demonstration Expenditures	NE	NE	NE	NE
Unamortized Loss on Reacquired Debt	NE	NE	NE	NE
Accumulated Deferred Income Taxes	-24,529,354	79,774,830	122,994,801	5,376,959
Unrecovered Purchased Gas Costs	90,876,327	-13,368,040	530,559,614	NE
Unrecovered Incremental Gas Costs	NE	NE	NE	NE
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	38,212,438	28,592,023	18,579,322	1,490,402
Total Deferred Debits	109,740,490	95,128,939	682,728,723	6,909,339
Total Assets and Other Debits	1,098,302,180	893,377,762	2,695,071,291	422,460,858

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	\$201,388,100	\$27,560,885	\$339,911,550	\$149,448,775
Preferred Stock Issued	NE	5,205,100	NE	NE
Capital Stock Subscribed, Liability and Premium	NE	22,841,433	NE	NE
Other Paid-in Capital	2,253,918	-4,072,914	61,522,329	NE
Installments Received on Capital Stock	NE	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	NE	NE	NE	NE
Retained Earnings	144,872,490	394,897,893	-152,291,625	9,384,257
Unappropriated, Undistributed Subsidiary Earnings	NE	15,561,263	NE	6,865
(Less) Reacquired Capital Stock	NE	NE	NE	NE
Total Proprietary Capital	348,514,508	461,993,660	249,142,254	158,839,897
Long-Term Debt				
Bonds (less reacquired)	NE	19,966,000	NE	NE
Advances from Associated Companies	190,057,000	NE	744,747,070	66,636,226
Unamortized Premium Long-Term Debt	NE	NE	NE	NE
(Less) Unamortized Discount on Long-Term Debt--Dr.	NE	8,606	NE	NE
Other Long-Term Debt	NE	65,207,500	3,600,000	NE
Total Long-Term Debt	190,057,000	85,164,894	748,347,070	66,636,226
Other Noncurrent Liabilities				
Obligations Under Capital Leases	NE	NE	1,602,344	132,349
Accumulated Provision for Property Insurance	NE	NE	NE	NE
Accumulated Provision for Injuries and Damages	NE	NE	NE	NE
Accumulated Provision for Pensions and Benefits	NE	NE	NE	NE
Accumulated Miscellaneous Operating Provisions	618,393	NE	NE	NE
Accumulated Provision for Rate Refunds	73,844,384	143,067,183	200,229,392	6,778,862
Total Other Noncurrent Liabilities	74,462,777	143,067,183	201,831,736	6,911,211
Current and Accrued Liabilities				
Notes Payable	NE	7,500	7,629,385	920
Accounts Payable	139,978,682	37,430,802	132,603,247	26,392,315
Payables to Associated Companies	83,011,791	10,825,628	385,638,200	12,217,841
Taxes Accrued	41,470,959	3,896,844	50,340,232	4,913,331
Interest Accrued	NE	5,791,362	4,295,483	1,931,066
Dividends Declared	21,145,750	79,155	NE	NE
Tax Collections Payable	901,214	612,475	2,210,393	35,380
Other Current and Accrued Liabilities	15,509,003	75,299,377	246,603,356	57,620,834
Obligations Under Capital Leases	NE	NE	199,455	63,529
Total Current and Accrued Liabilities	302,017,399	133,943,143	829,519,751	103,175,216
Deferred Credits				
Customer Advances for Construction	NE	NE	NE	NE
Accumulated Deferred Investment Tax Credits	2,865,852	135,126	558,917	378,939
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	NE	1,431,817	NE	NE
Accumulated Deferred Income Taxes	176,995,401	51,692,822	498,268,125	85,009,869
Other Deferred Credits	3,389,243	15,949,117	167,403,438	1,509,500
Total Deferred Credits	183,250,496	69,208,882	666,230,480	86,898,308
Total Liabilities and Other Credits	1,098,302,180	893,377,762	2,695,071,291	422,460,858

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$143,470,433	\$2,577,912,476	\$2,210,850,432	\$564,759,948
Gas Construction Work in Progress	816,856	14,791,328	11,918,469	20,179,235
Total Gas Utility Plant	144,287,289	2,592,703,804	2,222,768,901	584,939,183
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	58,761,442	1,478,835,205	1,556,754,506	401,126,309
Net Gas Utility Plant	85,525,847	1,113,868,599	666,014,395	183,812,874
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	NE	NE	NE	NE
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	NE	NE	NE	NE
Net Other Utility Plant	NE	NE	NE	NE
All Utility Plant	143,470,433	2,577,912,476	2,210,850,432	564,759,948
All Utility Plant Construction Work in Progress	816,856	14,791,328	11,918,469	20,179,235
Total All Utility Plant	144,287,289	2,592,703,804	2,222,768,901	584,939,183
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	58,761,442	1,478,835,205	1,556,754,506	401,126,309
Net All Utility Plant	85,525,847	1,113,868,599	666,014,395	183,812,874
Gas Stored Underground (noncurrent)	NE	15,981,072	27,148,460	NE
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	NE	82,732,934	34,890,491	NE
Investments in Associated Companies	NE	208,124,793	NE	NE
Investments in Subsidiary Companies	12,397,968	485,139,101	4,399,474,919	NE
Other Investments	NE	21,676,484	79,344,054	NE
Special Funds	NE	NE	NE	NE
Total Other Property and Investments	12,397,968	797,673,312	4,513,709,464	NE
Current and Accrued Assets				
Cash	1,252,062	-6,066,994	28,914,378	-6,319,758
Special Deposits	20,581	14,763	7,425	4,409
Working Funds	38,595	380,055	15,075	-45,232
Temporary Cash Investments	NE	NE	7,320,000	NE
Notes and Accounts Receivable (net)	7,564,922	94,524,409	223,456,051	46,798,008
Receivables from Associated Companies	NE	174,106,740	13,025,953	30,033,140
Materials and Supplies	924,814	32,666,461	4,571,391	6,717,671
Gas Stored Underground	2,648,591	43,480,985	73,379,035	NE
Liquefied Natural Gas Stored	NE	NE	2,154,648	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	531,684	146,772,983	36,887,462	NE
Advances for Gas Exploration, Development, and Production	NE	-24	5,264,576	NE
Other Advances for Gas	NE	1,837,324	163,869	NE
Other Current and Accrued Assets	421,999	111,591,605	47,978,637	-720,220
Total Current and Accrued Assets	13,403,248	599,308,307	443,138,500	76,468,018
Deferred Debits				
Unamortized Debt Expense	NE	5,491,990	26,221,443	2,669
Extraordinary Property Losses	NE	NE	NE	NE
Unrecovered Plant and Regulatory Study Costs	NE	NE	NE	NE
Preliminary Survey and Investigation Charges	NE	NE	NE	233,124
Clearing Accounts	47,356	524,044	204,810	NE
Deferred Losses from Disposition of Utility Plant	NE	NE	NE	NE
Research, Development, and Demonstration Expenditures	NE	NE	445,105	-241,229
Unamortized Loss on Reacquired Debt	NE	22,280,849	13,183,436	NE
Accumulated Deferred Income Taxes	3,372,700	61,670,285	152,133,502	1,279,087
Unrecovered Purchased Gas Costs	-599,081	456,907,299	58,624,588	-5,298,970
Unrecovered Incremental Gas Costs	NE	NE	NE	-332
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	5,061,951	254,459,647	362,903,454	18,570,706
Total Deferred Debits	7,882,926	801,334,114	613,716,338	14,545,055
Total Assets and Other Debits	119,209,989	3,328,165,404	6,263,727,157	274,825,947

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	\$1,000	\$94,265,193	\$477,456,000	\$2,525,710
Preferred Stock Issued	NE	37,100,000	4,473,996	NE
Capital Stock Subscribed, Liability and Premium	5,938,122	312,079,153	528,807,011	17,511,390
Other Paid-in Capital	NE	252,985,209	3,476,805	37,764,200
Installments Received on Capital Stock	NE	NE	-80,000,000	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	NE	2,537,571	3,883,860	NE
Retained Earnings	39,480,550	703,799,245	974,912,287	17,972,988
Unappropriated, Undistributed Subsidiary Earnings	NE	123,759,719	-118,716,475	NE
(Less) Reacquired Capital Stock	NE	246,400	18,227,870	NE
Total Proprietary Capital	45,419,672	1,521,204,548	1,768,297,894	75,774,288
Long-Term Debt				
Bonds (less reacquired)	NE	358,400,000	747,139,000	NE
Advances from Associated Companies	11,559,000	NE	506,344,000	NE
Unamortized Premium Long-Term Debt	NE	NE	374,716	NE
(Less) Unamortized Discount on Long-Term Debt--Dr.	NE	1,892,512	60,698,990	NE
Other Long-Term Debt	NE	686,005	1,809,074,993	38,974,000
Total Long-Term Debt	11,559,000	357,193,493	3,002,233,719	38,974,000
Other Noncurrent Liabilities				
Obligations Under Capital Leases	NE	NE	NE	NE
Accumulated Provision for Property Insurance	NE	1,417	NE	NE
Accumulated Provision for Injuries and Damages	104,624	503,837	NE	NE
Accumulated Provision for Pensions and Benefits	NE	NE	152,375	NE
Accumulated Miscellaneous Operating Provisions	NE	1,988,202	2,988,109	NE
Accumulated Provision for Rate Refunds	1,135,195	NE	NE	NE
Total Other Noncurrent Liabilities	1,239,819	2,493,456	3,140,484	NE
Current and Accrued Liabilities				
Notes Payable	NE	NE	463,931,346	38,700,000
Accounts Payable	12,131,066	130,941,970	203,681,060	69,080,909
Payables to Associated Companies	26,520,277	385,261,353	870,522	8,723,364
Taxes Accrued	2,033,053	2,784,547	-31,766,049	1,648,800
Interest Accrued	NE	34,236,904	74,097,201	941,695
Dividends Declared	NE	NE	9,595,645	NE
Tax Collections Payable	66,071	702,716	-1,458,857	NE
Other Current and Accrued Liabilities	3,210,872	121,552,538	80,123,283	2,679,991
Obligations Under Capital Leases	NE	234,185	NE	NE
Total Current and Accrued Liabilities	43,961,339	675,714,213	799,074,151	121,774,759
Deferred Credits				
Customer Advances for Construction	NE	NE	NE	NE
Accumulated Deferred Investment Tax Credits	22,800	2,245,567	800,342	108,800
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	NE	NE	3,482,373	432,948
Accumulated Deferred Income Taxes	9,827,400	624,562,281	439,878,834	19,318,993
Other Deferred Credits	7,179,959	144,751,846	246,819,360	18,442,159
Total Deferred Credits	17,030,159	771,559,694	690,980,909	38,302,900
Total Liabilities and Other Credits	119,209,989	3,328,165,404	6,263,727,157	274,825,947

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$545,563,500	\$363,720,204	\$444,737,375	\$1,538,410,312
Gas Construction Work in Progress	7,878,971	437,729	1,285,557	30,165,912
Total Gas Utility Plant	553,442,471	364,157,933	446,022,932	1,568,576,224
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	282,562,906	303,072,984	219,199,152	748,396,469
Net Gas Utility Plant	270,879,565	61,084,949	226,823,780	820,179,755
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	NE	NE	NE	NE
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	NE	NE	NE	NE
Net Other Utility Plant	NE	NE	NE	NE
All Utility Plant	545,563,500	363,720,204	444,737,375	1,538,410,312
All Utility Plant Construction Work in Progress	7,878,971	437,729	1,285,557	30,165,912
Total All Utility Plant	553,442,471	364,157,933	446,022,932	1,568,576,224
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	282,562,906	303,072,984	219,199,152	748,396,469
Net All Utility Plant	270,879,565	61,084,949	226,823,780	820,179,755
Gas Stored Underground (noncurrent)	NE	NE	62,228,071	21,892,457
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	NE	NE	157,211	2,276,768
Investments in Associated Companies	NE	NE	NE	NE
Investments in Subsidiary Companies	30,418,623	NE	138,424,180	22,670,847
Other Investments	NE	NE	267,929	1,123,616
Special Funds	NE	NE	843,459	956,798
Total Other Property and Investments	30,418,623	NE	139,692,779	27,028,029
Current and Accrued Assets				
Cash	37,695	251,026	4,030,395	1,740,522
Special Deposits	NE	NE	2,004	8,049
Working Funds	18,500	NE	175,778	52,308
Temporary Cash Investments	602,307	2,483,429	NE	NE
Notes and Accounts Receivable (net)	14,329,336	7,926,332	34,265,786	175,557,219
Receivables from Associated Companies	11,337,524	NE	12,485,998	16,303,470
Materials and Supplies	6,311,196	NE	6,727,954	6,527,262
Gas Stored Underground	NE	NE	NE	25,948,857
Liquefied Natural Gas Stored	NE	NE	NE	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	2,796,957	13,687	19,975,791	2,210,887
Advances for Gas Exploration, Development, and Production	NE	NE	NE	227,848
Other Advances for Gas	NE	NE	NE	NE
Other Current and Accrued Assets	106,646	39,531	4,814,449	126,512,277
Total Current and Accrued Assets	35,540,161	10,714,005	82,478,155	355,088,699
Deferred Debits				
Unamortized Debt Expense	NE	NE	1,019,925	1,046,133
Extraordinary Property Losses	NE	NE	NE	-4,026
Unrecovered Plant and Regulatory Study Costs	NE	NE	NE	NE
Preliminary Survey and Investigation Charges	NE	NE	NE	192,258
Clearing Accounts	NE	NE	600,819	-17,313
Deferred Losses from Disposition of Utility Plant	NE	NE	NE	NE
Research, Development, and Demonstration Expenditures	NE	NE	NE	NE
Unamortized Loss on Reacquired Debt	NE	NE	170,267	7,412,653
Accumulated Deferred Income Taxes	470,000	10,379,978	13,981,427	22,899,593
Unrecovered Purchased Gas Costs	5,039,364	NE	2,284,534	NE
Unrecovered Incremental Gas Costs	NE	NE	NE	NE
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	1,566,102	14,496,926	2,609,951	48,220,005
Total Deferred Debits	7,075,466	24,876,904	20,666,923	79,749,303
Total Assets and Other Debits	343,913,815	96,675,858	531,889,708	1,303,938,243

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	\$50,000,000	\$30,473,914	\$45,465,935	\$10,300,000
Preferred Stock Issued	NE	NE	23,571,600	779,600
Capital Stock Subscribed, Liability and Premium	NE	NE	38,916,612	18,710,400
Other Paid-in Capital	NE	NE	11,048	133,900,000
Installments Received on Capital Stock	NE	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	NE	NE	466,867	366,141
Retained Earnings	36,318,834	NE	131,582,792	106,302,523
Unappropriated, Undistributed Subsidiary Earnings	1,624,682	NE	-77,609,443	-1,118,165
(Less) Reacquired Capital Stock	NE	NE	NE	2,295,997
Total Proprietary Capital	87,943,516	30,473,914	161,471,677	266,212,220
Long-Term Debt				
Bonds (less reacquired)	46,940,000	NE	108,284,000	246,683,000
Advances from Associated Companies	NE	NE	14,835,342	NE
Unamortized Premium Long-Term Debt	NE	NE	NE	101,087
(Less) Unamortized Discount on Long-Term Debt--Dr.	NE	NE	36,241	246,928
Other Long-Term Debt	30,000,000	32,000,000	41,099,996	1,648
Total Long-Term Debt	76,940,000	32,000,000	164,183,097	246,538,807
Other Noncurrent Liabilities				
Obligations Under Capital Leases	NE	NE	NE	21,494,476
Accumulated Provision for Property Insurance	NE	NE	NE	NE
Accumulated Provision for Injuries and Damages	NE	NE	15,953,022	13,439,513
Accumulated Provision for Pensions and Benefits	514,645	NE	37,625	NE
Accumulated Miscellaneous Operating Provisions	NE	NE	-3,769,814	NE
Accumulated Provision for Rate Refunds	2,647,917	NE	3,494,025	NE
Total Other Noncurrent Liabilities	3,162,562	NE	15,714,858	34,933,989
Current and Accrued Liabilities				
Notes Payable	15,200,000	NE	34,500,000	131,906,618
Accounts Payable	2,898,873	2,432,632	35,155,040	132,570,643
Payables to Associated Companies	63,566,310	NE	27,046,024	520,564
Taxes Accrued	13,114,066	NE	9,087,808	93,812,220
Interest Accrued	3,418,556	18,411	3,186,064	7,410,030
Dividends Declared	NE	NE	NE	NE
Tax Collections Payable	46,541	NE	1,774,868	1,503,458
Other Current and Accrued Liabilities	2,539,228	NE	10,295,471	60,721,399
Obligations Under Capital Leases	NE	NE	NE	648,537
Total Current and Accrued Liabilities	100,783,574	2,451,043	121,045,275	429,093,469
Deferred Credits				
Customer Advances for Construction	NE	NE	3,468,192	4,727,881
Accumulated Deferred Investment Tax Credits	544,650	NE	536,574	49,678,282
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	NE	NE	745,326	NE
Accumulated Deferred Income Taxes	74,146,145	29,178,468	44,613,688	171,986,998
Other Deferred Credits	393,365	2,572,433	20,111,021	100,766,597
Total Deferred Credits	75,084,160	31,750,901	69,474,801	327,159,758
Total Liabilities and Other Credits	343,913,812	96,675,858	531,889,708	1,303,938,243

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$54,470,783	\$171,086,513	\$432,184,565	\$303,945,217
Gas Construction Work in Progress	1,060,428	1,960,682	3,969,450	10,804,982
Total Gas Utility Plant	55,531,211	173,047,195	436,154,015	314,750,199
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	50,513,131	123,452,758	238,984,569	121,267,208
Net Gas Utility Plant	5,018,080	49,594,437	197,169,446	193,482,991
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	NE	NE	NE	NE
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	NE	NE	NE	NE
Net Other Utility Plant	NE	NE	NE	NE
All Utility Plant	54,470,783	171,086,513	432,184,565	303,945,217
All Utility Plant Construction Work in Progress	1,060,428	1,960,682	3,969,450	10,804,982
Total All Utility Plant	55,531,211	173,047,195	436,154,015	314,750,199
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	50,513,131	123,452,758	238,984,569	121,267,208
Net All Utility Plant	5,018,080	49,594,437	197,169,446	193,482,991
Gas Stored Underground (noncurrent)	9,087,052	NE	21,150,856	21,390,464
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	NE	NE	251	13,580
Investments in Associated Companies	NE	NE	NE	61,434
Investments in Subsidiary Companies	NE	25,700,430	1,000	NE
Other Investments	8,375	NE	NE	81
Special Funds	11,979	NE	NE	239,764
Total Other Property and Investments	20,354	25,700,430	1,251	314,859
Current and Accrued Assets				
Cash	291,370	424,084	26,587	2,310,674
Special Deposits	NE	362	1,205	42,317
Working Funds	3,913	100,250	58,166	140,580
Temporary Cash Investments	NE	NE	NE	NE
Notes and Accounts Receivable (net)	225,120	35,765,437	63,473,545	10,063,554
Receivables from Associated Companies	34,978,150	23,079,742	19,288,401	116,556,777
Materials and Supplies	NE	1,104,741	2,856,086	4,864,095
Gas Stored Underground	174,578	NE	21,528,443	13,860,222
Liquefied Natural Gas Stored	NE	NE	NE	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	46,462	761,525	111,132	4,508,570
Advances for Gas Exploration, Development, and Production	NE	NE	NE	NE
Other Advances for Gas	NE	NE	11,274,580	NE
Other Current and Accrued Assets	28,066	502,089	521,067	109,939
Total Current and Accrued Assets	35,747,659	61,738,230	119,139,212	152,456,728
Deferred Debits				
Unamortized Debt Expense	NE	NE	42,789	NE
Extraordinary Property Losses	NE	NE	NE	NE
Unrecovered Plant and Regulatory Study Costs	NE	NE	NE	NE
Preliminary Survey and Investigation Charges	NE	NE	NE	1,789,037
Clearing Accounts	36,701	93,109	80,747	254,812
Deferred Losses from Disposition of Utility Plant	NE	NE	NE	NE
Research, Development, and Demonstration Expenditures	NE	NE	NE	NE
Unamortized Loss on Reacquired Debt	NE	NE	NE	NE
Accumulated Deferred Income Taxes	43,578	5,975,600	2,902,000	14,091,723
Unrecovered Purchased Gas Costs	NE	-481,689	-1,092,686	-14,983,481
Unrecovered Incremental Gas Costs	NE	NE	NE	NE
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	676,938	29,252,257	7,318,004	1,861,327
Total Deferred Debits	757,217	34,839,277	9,250,854	3,013,418
Total Assets and Other Debits	50,630,362	171,872,374	346,711,619	370,658,460

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	\$15,000,000	\$1,000	\$846,742	\$25,345,050
Preferred Stock Issued	NE	1,200,000	NE	NE
Capital Stock Subscribed, Liability and Premium	NE	22,568,030	29,491,961	6,561,772
Other Paid-in Capital	NE	-8,666	NE	NE
Installments Received on Capital Stock	NE	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	NE	1,734	165,780	NE
Retained Earnings	5,304,552	22,391,000	129,013,467	96,096,090
Unappropriated, Undistributed Subsidiary Earnings	NE	NE	NE	NE
(Less) Reacquired Capital Stock	NE	NE	NE	NE
Total Proprietary Capital	20,304,552	46,149,630	159,186,390	128,002,912
Long-Term Debt				
Bonds (less reacquired)	NE	NE	NE	NE
Advances from Associated Companies	NE	NE	NE	92,290,100
Unamortized Premium Long-Term Debt	NE	NE	NE	NE
(Less) Unamortized Discount on Long-Term Debt--Dr.	NE	NE	NE	NE
Other Long-Term Debt	NE	NE	40,000,000	448,890
Total Long-Term Debt	NE	NE	40,000,000	92,738,990
Other Noncurrent Liabilities				
Obligations Under Capital Leases	NE	NE	NE	NE
Accumulated Provision for Property Insurance	NE	NE	NE	NE
Accumulated Provision for Injuries and Damages	NE	89,361	NE	22,890
Accumulated Provision for Pensions and Benefits	NE	NE	NE	669,849
Accumulated Miscellaneous Operating Provisions	NE	NE	NE	NE
Accumulated Provision for Rate Refunds	NE	12,566,119	NE	34,929,871
Total Other Noncurrent Liabilities	NE	12,655,480	NE	35,622,610
Current and Accrued Liabilities				
Notes Payable	NE	NE	NE	NE
Accounts Payable	2,387,409	8,802,237	52,442,763	55,864,580
Payables to Associated Companies	21,235	66,603,382	31,762,127	741,496
Taxes Accrued	914,588	-2,548,369	-2,899,223	10,930,963
Interest Accrued	131,358	NE	278,890	2,808,332
Dividends Declared	NE	NE	NE	7,309,512
Tax Collections Payable	28,302	93,841	-14,691	352,147
Other Current and Accrued Liabilities	26,791,743	1,215,359	546,922	2,802,313
Obligations Under Capital Leases	NE	NE	NE	NE
Total Current and Accrued Liabilities	30,274,636	74,166,450	82,116,788	80,809,343
Deferred Credits				
Customer Advances for Construction	NE	NE	NE	NE
Accumulated Deferred Investment Tax Credits	NE	191,500	NE	514,554
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	NE	NE	NE	NE
Accumulated Deferred Income Taxes	NE	9,892,766	47,100,000	32,829,680
Other Deferred Credits	51,175	28,816,548	18,308,441	140,371
Total Deferred Credits	51,175	38,900,814	65,408,441	33,484,605
Total Liabilities and Other Credits	50,630,362	171,872,374	346,711,619	370,658,460

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$2,475,194,898	\$1,295,932,890	NE	\$1,352,127,591
Gas Construction Work in Progress	74,833,857	5,524,047	NE	3,773,818
Total Gas Utility Plant	2,550,028,755	1,301,456,937	NE	1,355,901,409
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	1,688,895,757	315,518,710	NE	642,160,475
Net Gas Utility Plant	861,132,998	985,938,227	NE	713,740,934
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	NE	NE	NE	NE
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	NE	NE	NE	NE
Net Other Utility Plant	NE	NE	NE	NE
All Utility Plant	2,475,194,898	1,295,932,890	NE	1,352,127,591
All Utility Plant Construction Work in Progress	74,833,857	5,524,047	NE	3,773,818
Total All Utility Plant	2,550,028,755	1,301,456,937	NE	1,355,901,409
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	1,688,895,757	315,518,710	NE	642,160,475
Net All Utility Plant	861,132,998	985,938,227	NE	713,740,934
Gas Stored Underground (noncurrent)	120,680,733	NE	NE	70,424,104
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	9,660,543	NE	NE	3,797,026
Investments in Associated Companies	NE	NE	NE	NE
Investments in Subsidiary Companies	72,869,944	NE	\$66,736,617	NE
Other Investments	NE	NE	NE	440
Special Funds	99,975,915	NE	NE	NE
Total Other: Property and Investments	182,506,402	NE	66,736,617	3,797,466
Current and Accrued Assets				
Cash	1,441,206	16,810	31,761	1,266,275
Special Deposits	NE	NE	425	107,968
Working Funds	193,801	263	NE	59,050
Temporary Cash Investments	NE	25,170,095	NE	NE
Notes and Accounts Receivable (net)	226,014,287	18,057,938	34,252,142	78,413,620
Receivables from Associated Companies	39,964,716	NE	167,700	104,833,402
Materials and Supplies	22,660,501	3,850,992	NE	11,921,608
Gas Stored Underground	122,830,295	NE	NE	46,471,426
Liquefied Natural Gas Stored	NE	NE	NE	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	6,990,860	127,144	NE	1,509,756
Advances for Gas Exploration, Development, and Production	NE	NE	NE	NE
Other Advances for Gas	102,576	NE	NE	NE
Other Current and Accrued Assets	131,238,938	49,628	NE	5,225,696
Total Current and Accrued Assets	551,437,171	47,272,870	34,452,028	249,808,801
Deferred Debits				
Unamortized Debt Expense	NE	3,043,359	NE	918,101
Extraordinary Property Losses	NE	NE	NE	NE
Unrecovered Plant and Regulatory Study Costs	NE	NE	NE	511,637
Preliminary Survey and Investigation Charges	36,581	2,715,983	NE	NE
Clearing Accounts	4,116	NE	NE	1,448,221
Deferred Losses from Disposition of Utility Plant	NE	NE	NE	NE
Research, Development, and Demonstration Expenditures	365,528	NE	NE	NE
Unamortized Loss on Reacquired Debt	NE	NE	NE	12,651,273
Accumulated Deferred Income Taxes	145,923,734	4,239,725	NE	25,611,691
Unrecovered Purchased Gas Costs	104,921,355	NE	NE	1,958,699
Unrecovered Incremental Gas Costs	NE	NE	NE	NE
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	454,407,951	7,131,854	5,140,925	97,380,099
Total Deferred Debits	705,659,265	17,130,911	5,140,925	140,479,721
Total Assets and Other Debits	2,421,416,569	1,050,342,008	106,329,570	1,178,251,026

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	\$357,589,552	NE	\$1,000	\$3,491,200
Preferred Stock Issued	30,242,800	NE	NE	942,000
Capital Stock Subscribed, Liability and Premium	NE	NE	NE	22,608,000
Other Paid-in Capital	218,590,085	\$257,172,878	38,001,883	127,095,402
Installments Received on Capital Stock	NE	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	NE	NE	NE	NE
Retained Earnings	271,036,613	8,426,451	-8,111,631	147,680,394
Unappropriated, Undistributed Subsidiary Earnings	-15,660,370	NE	22,469,123	NE
(Less) Reacquired Capital Stock	NE	NE	NE	NE
Total Proprietary Capital	861,798,680	265,599,329	52,360,375	301,816,996
Long-Term Debt				
Bonds (less reacquired)	NE	NE	NE	378,412,000
Advances from Associated Companies	NE	NE	13,050,675	NE
Unamortized Premium Long-Term Debt	NE	NE	NE	NE
(Less) Unamortized Discount on Long-Term Debt--Dr.	NE	NE	NE	133,691
Other Long-Term Debt	NE	488,559,693	NE	312,308
Total Long-Term Debt	NE	488,559,693	13,050,675	378,590,617
Other Noncurrent Liabilities				
Obligations Under Capital Leases	65,468	NE	NE	NE
Accumulated Provision for Property Insurance	NE	NE	NE	NE
Accumulated Provision for Injuries and Damages	NE	NE	NE	173,943
Accumulated Provision for Pensions and Benefits	52,235	NE	NE	NE
Accumulated Miscellaneous Operating Provisions	12,316,362	3,694	NE	NE
Accumulated Provision for Rate Refunds	NE	NE	NE	49,498,968
Total Other Noncurrent Liabilities	12,434,065	3,694	NE	49,672,911
Current and Accrued Liabilities				
Notes Payable	NE	NE	NE	NE
Accounts Payable	438,883,289	203,844	33,898,486	44,323,106
Payables to Associated Companies	591,992,220	NE	761,418	-2,384,400
Taxes Accrued	53,211,797	28,350,746	-804,000	5,489,935
Interest Accrued	3,733,399	6,193,842	NE	4,663,571
Dividends Declared	NE	NE	NE	625,280
Tax Collections Payable	297,992	NE	NE	173,447
Other Current and Accrued Liabilities	143,937,504	NE	NE	116,006,507
Obligations Under Capital Leases	161,400	NE	NE	NE
Total Current and Accrued Liabilities	1,232,217,601	34,748,432	33,855,904	168,897,446
Deferred Credits				
Customer Advances for Construction	NE	NE	NE	NE
Accumulated Deferred Investment Tax Credits	1,459,708	NE	NE	251,000
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	NE	NE	NE	1,181,189
Accumulated Deferred Income Taxes	272,774,076	261,430,860	7,062,616	240,122,539
Other Deferred Credits	40,732,439	NE	NE	37,718,328
Total Deferred Credits	314,966,223	261,430,860	7,062,616	279,273,056
Total Liabilities and Other Credits	2,421,416,569	1,050,342,008	106,329,570	1,178,251,026

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$63,041,756	\$415,629,653	\$1,586,579,246	\$370,661,201
Gas Construction Work in Progress	NE	4,127,769	25,646,299	6,057,646
Total Gas Utility Plant	63,041,756	419,757,422	1,612,225,545	376,718,847
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	15,705,069	294,813,302	984,170,418	126,671,082
Net Gas Utility Plant	47,336,687	124,944,120	628,055,127	250,047,765
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	NE	NE	NE	424,664
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	NE	NE	NE	65,753
Net Other Utility Plant	NE	NE	NE	358,911
All Utility Plant	63,041,756	415,629,653	1,586,579,246	371,085,865
All Utility Plant Construction Work in Progress	NE	4,127,769	25,646,299	6,057,646
Total All Utility Plant	63,041,756	419,757,422	1,612,225,545	377,143,511
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	15,705,069	294,813,302	984,170,418	126,736,835
Net All Utility Plant	47,336,687	124,944,120	628,055,127	250,406,676
Gas Stored Underground (noncurrent)	NE	NE	87,787,556	8,337,840
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	NE	NE	19,897,078	NE
Investments in Associated Companies	NE	NE	264,663,464	NE
Investments in Subsidiary Companies	NE	58,316,889	531,901,252	6,661,557
Other Investments	NE	NE	6,705,143	NE
Special Funds	NE	NE	970	-71,875
Total Other Property and Investments	NE	58,316,889	823,167,907	6,589,682
Current and Accrued Assets				
Cash	-503,436	-1,297,132	3,547,485	745,095
Special Deposits	NE	24,801	13,479,291	NE
Working Funds	NE	87,526	489,893	65,018
Temporary Cash Investments	12,521,837	NE	NE	NE
Notes and Accounts Receivable (net)	1,324,235	2,825,409	123,563,694	8,281,842
Receivables from Associated Companies	NE	95,453,641	29,396,607	34,539,071
Materials and Supplies	73,706	6,030,272	23,416,443	3,151,498
Gas Stored Underground	NE	NE	122,500,293	25,285,080
Liquefied Natural Gas Stored	NE	NE	NE	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	NE	151,080	25,513,142	9,222,273
Advances for Gas Exploration, Development, and Production	NE	NE	NE	NE
Other Advances for Gas	NE	NE	NE	NE
Other Current and Accrued Assets	NE	NE	5,069,409	2,014,505
Total Current and Accrued Assets	13,416,342	103,275,597	346,976,257	83,304,382
Deferred Debits				
Unamortized Debt Expense	117,021	141,291	6,455,171	915,008
Extraordinary Property Losses	NE	NE	NE	NE
Unrecovered Plant and Regulatory Study Costs	NE	NE	NE	NE
Preliminary Survey and Investigation Charges	NE	1,846,992	2,327,331	65,387
Clearing Accounts	NE	9,493	193,095	-161,049
Deferred Losses from Disposition of Utility Plant	NE	NE	NE	NE
Research, Development, and Demonstration Expenditures	NE	NE	NE	NE
Unamortized Loss on Reacquired Debt	NE	NE	11,623,626	NE
Accumulated Deferred Income Taxes	4,755,578	3,706,838	48,980,839	NE
Unrecovered Purchased Gas Costs	NE	NE	48,598,294	-1,440,473
Unrecovered Incremental Gas Costs	NE	NE	NE	NE
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	7,460,089	160,487	296,770,936	274,798
Total Deferred Debits	12,332,688	5,865,101	414,949,292	-346,329
Total Assets and Other Debits	73,085,717	292,401,707	2,300,936,139	348,292,251

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Qwestar Pipeline Company
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	NE	\$85,473,635	\$1,000,000	\$6,550,843
Preferred Stock Issued	NE	NE	10,001,000	NE
Capital Stock Subscribed, Liability and Premium	NE	NE	310,981,025	39,910,905
Other Paid-in Capital	\$15,535,174	NE	18,390,786	17,122,500
Installments Received on Capital Stock	NE	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	NE	NE	181,213	NE
Retained Earnings	1,881,485	16,697,801	271,597,275	97,811,450
Unappropriated, Undistributed Subsidiary Earnings	NE	31,663,239	165,393,685	2,146,800
(Less) Reacquired Capital Stock	NE	NE	NE	NE
Total Proprietary Capital	17,416,659	133,834,675	777,182,558	163,542,498
Long-Term Debt				
Bonds (less reacquired)	NE	NE	550,000,000	50,000,000
Advances from Associated Companies	NE	NE	NE	NE
Unamortized Premium Long-Term Debt	NE	NE	NE	NE
(Less) Unamortized Discount on Long-Term Debt--Dr.	NE	NE	846,783	NE
Other Long-Term Debt	29,250,000	58,500,000	310,000,000	17,000,000
Total Long-Term Debt	29,250,000	58,500,000	859,153,217	67,000,000
Other Noncurrent Liabilities				
Obligations Under Capital Leases	NE	NE	6,200,328	NE
Accumulated Provision for Property Insurance	NE	NE	-303,075	NE
Accumulated Provision for Injuries and Damages	NE	NE	120,337	NE
Accumulated Provision for Pensions and Benefits	NE	NE	NE	NE
Accumulated Miscellaneous Operating Provisions	NE	NE	NE	NE
Accumulated Provision for Rate Refunds	9,617,500	NE	71,219,061	5,959,251
Total Other Noncurrent Liabilities	9,617,500	NE	77,236,651	5,959,251
Current and Accrued Liabilities				
Notes Payable	2,250,000	NE	56,600,000	3,000,000
Accounts Payable	-1,573	10,595,980	201,852,952	25,537,277
Payables to Associated Companies	59,569	77,218,156	127,257,042	23,689,737
Taxes Accrued	107,913	2,420,506	-65,376,921	-1,008,852
Interest Accrued	2,133,318	206,800	14,034,346	1,975,159
Dividends Declared	NE	622	175,421	6,000,000
Tax Collections Payable	NE	NE	1,938,001	35,782
Other Current and Accrued Liabilities	NE	24,801	13,056,813	83,122
Obligations Under Capital Leases	NE	NE	642,230	NE
Total Current and Accrued Liabilities	4,549,227	90,466,865	350,179,884	59,312,225
Deferred Credits				
Customer Advances for Construction	NE	NE	NE	NE
Accumulated Deferred Investment Tax Credits	NE	569,728	3,664,779	NE
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	NE	367,582	582,649	NE
Accumulated Deferred Income Taxes	12,252,331	8,662,857	175,379,656	51,632,148
Other Deferred Credits	NE	NE	57,556,745	846,129
Total Deferred Credits	12,252,331	9,600,167	237,183,829	52,478,277
Total Liabilities and Other Credits	73,085,717	292,401,707	2,300,936,139	348,292,251

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$252,176,740	\$1,359,243,647	\$247,798,018	\$3,686,544,506
Gas Construction Work in Progress	792,286	8,978,454	29,554	52,888,388
Total Gas Utility Plant	252,969,026	1,368,222,101	247,827,572	3,739,432,894
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	238,137,925	845,066,806	153,930,715	2,515,252,803
Net Gas Utility Plant	14,831,101	523,155,295	93,896,857	1,224,180,091
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	NE	NE	NE	119,387,169
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	NE	NE	NE	27,652,881
Net Other Utility Plant	NE	NE	NE	91,734,288
All Utility Plant	252,176,740	1,359,243,647	247,798,018	3,804,968,180
All Utility Plant Construction Work in Progress	792,286	8,978,454	29,554	53,851,883
Total All Utility Plant	252,969,026	1,368,222,101	247,827,572	3,858,820,063
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	238,137,925	845,066,806	153,930,715	2,542,905,684
Net All Utility Plant	14,831,101	523,155,295	93,896,857	1,315,914,379
Gas Stored Underground (noncurrent)	NE	50,088,007	NE	13,362,689
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	NE	48,990	NE	68,230,564
Investments in Associated Companies	NE	667	NE	NE
Investments in Subsidiary Companies	NE	141,705,836	NE	15,126,172,237
Other Investments	NE	312,374	NE	20,471,648
Special Funds	NE	NE	NE	NE
Total Other Property and Investments	NE	142,067,867	NE	15,214,874,449
Current and Accrued Assets				
Cash	328,189	684,268	31,064	33,598,784
Special Deposits	NE	199,481	620	2,889,011
Working Funds	NE	232,026	NE	550,028
Temporary Cash Investments	16,899,817	NE	3,310,000	NE
Notes and Accounts Receivable (net)	12,328,860	113,420,898	446,142	95,753,600
Receivables from Associated Companies	2,408,842	29,644,516	3,397,087	1,727,678,932
Materials and Supplies	761,843	15,064,273	1,426,586	52,527,074
Gas Stored Underground	NE	116,854,638	NE	119,376,626
Liquefied Natural Gas Stored	NE	NE	NE	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	588,184	2,992,669	132,564	49,843,091
Advances for Gas Exploration, Development, and Production	NE	NE	NE	NE
Other Advances for Gas	NE	NE	NE	NE
Other Current and Accrued Assets	8,584,728	75,187,216	3,233	266,317,753
Total Current and Accrued Assets	41,900,463	354,279,985	8,747,296	2,348,534,899
Deferred Debits				
Unamortized Debt Expense	NE	509,750	NE	17,300,752
Extraordinary Property Losses	NE	NE	NE	NE
Unrecovered Plant and Regulatory Study Costs	NE	NE	NE	NE
Preliminary Survey and Investigation Charges	648	444,288	NE	NE
Clearing Accounts	75	NE	NE	4,788,169
Deferred Losses from Disposition of Utility Plant	NE	NE	NE	NE
Research, Development, and Demonstration Expenditures	NE	NE	NE	NE
Unamortized Loss on Reacquired Debt	NE	3,959,637	NE	13,482,579
Accumulated Deferred Income Taxes	5,669,704	179,923,000	NE	210,546,400
Unrecovered Purchased Gas Costs	2,286,968	24,521,475	NE	56,342,657
Unrecovered Incremental Gas Costs	NE	NE	NE	NE
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	161,389,026	513,766,535	1,010,139	177,400,201
Total Deferred Debits	169,346,421	723,124,685	1,010,139	479,860,758
Total Assets and Other Debits	226,077,985	1,792,715,839	103,654,292	19,372,547,174

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	NE	\$3,750	NE	\$1,000
Preferred Stock Issued	NE	NE	NE	NE
Capital Stock Subscribed, Liability and Premium	\$22,600,704	NE	\$25,000,000	3,372,821,606
Other Paid-in Capital	NE	76,962,784	NE	-83,395,066
Installments Received on Capital Stock	NE	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	NE	NE	NE	NE
Retained Earnings	44,502,766	464,667,019	4,453,912	1,635,604,328
Unappropriated, Undistributed Subsidiary Earnings	NE	51,459,977	NE	-60,496,719
(Less) Reacquired Capital Stock	NE	NE	NE	NE
Total Proprietary Capital	67,103,470	593,093,530	29,453,912	4,864,535,149
Long-Term Debt				
Bonds (less reacquired)	NE	109,666,000	NE	1,390,569,000
Advances from Associated Companies	119,457,083	NE	NE	600,000
Unamortized Premium Long-Term Debt	NE	NE	NE	458,333
(Less) Unamortized Discount on Long-Term Debt--Dr.	NE	1,729,601	NE	259,993,957
Other Long-Term Debt	NE	215,000,000	32,500,000	1,594,063,288
Total Long-Term Debt	119,457,083	322,936,399	32,500,000	2,725,696,664
Other Noncurrent Liabilities				
Obligations Under Capital Leases	NE	1,371,266	NE	NE
Accumulated Provision for Property Insurance	NE	NE	100,000	NE
Accumulated Provision for Injuries and Damages	NE	NE	100,000	3,330,140
Accumulated Provision for Pensions and Benefits	NE	6,578,574	NE	NE
Accumulated Miscellaneous Operating Provisions	NE	11,411,771	NE	NE
Accumulated Provision for Rate Refunds	4,514,073	379,633,812	NE	26,192,383
Total Other Noncurrent Liabilities	4,514,073	398,995,423	200,000	29,522,523
Current and Accrued Liabilities				
Notes Payable	NE	NE	NE	NE
Accounts Payable	2,287,087	52,904,516	18,271	307,998,557
Payables to Associated Companies	1,485,905	13,431,967	1,104,485	10,213,587,367
Taxes Accrued	-46,827,109	14,001,107	1,835,349	17,895,527
Interest Accrued	NE	3,010,120	214,539	109,388,006
Dividends Declared	NE	NE	NE	NE
Tax Collections Payable	NE	689,783	NE	1,772,871
Other Current and Accrued Liabilities	9,901,159	72,478,954	NE	531,260,901
Obligations Under Capital Leases	NE	353,023	NE	NE
Total Current and Accrued Liabilities	-33,152,958	156,869,470	3,172,644	11,181,903,229
Deferred Credits				
Customer Advances for Construction	NE	NE	NE	NE
Accumulated Deferred Investment Tax Credits	12,110	547,400	126,513	3,865,787
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	NE	967,642	NE	11,559,224
Accumulated Deferred Income Taxes	67,720,467	317,356,855	34,496,500	490,464,377
Other Deferred Credits	423,740	1,949,120	3,704,723	65,000,221
Total Deferred Credits	68,156,317	320,821,017	38,327,736	570,889,609
Total Liabilities and Other Credits	226,077,985	1,792,715,839	103,654,292	19,372,547,174

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$3,099,321,490	\$952,912,929	\$269,206,364	\$10,334
Gas Construction Work in Progress	180,663,849	22,566,219	NE	NE
Total Gas Utility Plant	3,279,985,339	975,479,148	269,206,364	10,334
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	1,691,602,187	679,993,143	80,338,110	NE
Net Gas Utility Plant	1,588,383,152	295,486,005	188,868,254	10,334
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	NE	NE	NE	NE
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	NE	NE	NE	NE
Net Other Utility Plant	NE	NE	NE	NE
All Utility Plant	3,099,321,490	952,912,929	269,206,364	10,334
All Utility Plant Construction Work in Progress	180,663,849	22,566,219	NE	NE
Total All Utility Plant	3,279,985,339	975,479,148	269,206,364	10,334
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	1,691,602,187	679,993,143	80,338,110	NE
Net All Utility Plant	1,588,383,152	295,486,005	188,868,254	10,334
Gas Stored Underground (noncurrent)	18,509,488	20,449,180	NE	NE
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	8,740,162	953,709	NE	NE
Investments in Associated Companies	620,109,807	NE	NE	56,298,168
Investments in Subsidiary Companies	18,007,677	2,206,624	NE	NE
Other Investments	330	-172,833	NE	NE
Special Funds	NE	2,877,051	NE	NE
Total Other Property and Investments	646,857,976	5,864,551	NE	56,298,168
Current and Accrued Assets				
Cash	3,182,420	-11,655,992	322,677	4,139
Special Deposits	1,305,051	3,647	NE	NE
Working Funds	86,041	41,880	175,000	NE
Temporary Cash Investments	89,600,000	199,468,124	2,495,236	NE
Notes and Accounts Receivable (net)	266,101,787	105,441,130	2,076,022	141,985
Receivables from Associated Companies	67,713,362	3,453,865	2,811,518	25,704,736
Materials and Supplies	21,393,216	10,886,179	235,450	NE
Gas Stored Underground	11,092,397	117,099,263	NE	NE
Liquefied Natural Gas Stored	NE	NE	NE	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	1,342,452	2,721,684	27,160	3,314,842
Advances for Gas Exploration, Development, and Production	NE	NE	NE	NE
Other Advances for Gas	NE	NE	NE	NE
Other Current and Accrued Assets	15,634,043	76,781,062	416,679	NE
Total Current and Accrued Assets	477,450,769	504,240,842	8,559,742	29,165,702
Deferred Debits				
Unamortized Debt Expense	4,349,478	1,538,283	313,519	NE
Extraordinary Property Losses	NE	NE	NE	NE
Unrecovered Plant and Regulatory Study Costs	NE	NE	NE	NE
Preliminary Survey and Investigation Charges	NE	NE	NE	NE
Clearing Accounts	8,686,029	247,105	NE	NE
Deferred Losses from Disposition of Utility Plant	NE	NE	NE	NE
Research, Development, and Demonstration Expenditures	NE	NE	NE	NE
Unamortized Loss on Reacquired Debt	49,485,585	4,283,258	NE	NE
Accumulated Deferred Income Taxes	23,565,700	52,242,031	26,817,300	4,937
Unrecovered Purchased Gas Costs	49,122,189	-3,549,573	NE	NE
Unrecovered Incremental Gas Costs	NE	NE	NE	NE
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	6,116,253	129,686,792	105,981,825	44,087
Total Deferred Debits	141,325,234	184,447,896	133,112,644	49,024
Total Assets and Other Debits	2,872,526,619	1,010,488,474	330,540,640	85,523,228

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	\$1,000	\$1,000	NE	\$100
Preferred Stock Issued	17,366,600	4,000,000	NE	NE
Capital Stock Subscribed, Liability and Premium	322,584,891	101,298,825	NE	NE
Other Paid-in Capital	330,426,958	25,476,668	\$70,977,399	NE
Installments Received on Capital Stock	NE	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	11,947,723	30,505	NE	NE
Retained Earnings	315,600,076	277,744,002	4,472,083	2,035,749
Unappropriated, Undistributed Subsidiary Earnings	-15,292,977	-12,332,253	NE	NE
(Less) Reacquired Capital Stock	15,600	NE	NE	NE
Total Proprietary Capital	958,723,225	396,157,737	75,449,482	2,035,849
Long-Term Debt				
Bonds (less reacquired)	444,011,000	250,000,000	NE	NE
Advances from Associated Companies	13,901,000	NE	NE	NE
Unamortized Premium Long-Term Debt	NE	NE	NE	NE
(Less) Unamortized Discount on Long-Term Debt--Dr.	313,756	356,244	NE	NE
Other Long-Term Debt	267,500,000	5,906,309	133,700,000	NE
Total Long-Term Debt	725,098,244	255,550,065	133,700,000	NE
Other Noncurrent Liabilities				
Obligations Under Capital Leases	NE	1,977,383	NE	NE
Accumulated Provision for Property Insurance	842,489	NE	NE	NE
Accumulated Provision for Injuries and Damages	2,314,557	NE	NE	NE
Accumulated Provision for Pensions and Benefits	NE	1,907,055	NE	NE
Accumulated Miscellaneous Operating Provisions	531,593	NE	NE	NE
Accumulated Provision for Rate Refunds	26,672,698	16,679,091	60,146,557	NE
Total Other Noncurrent Liabilities	30,361,337	20,563,529	60,146,557	NE
Current and Accrued Liabilities				
Notes Payable	NE	NE	NE	NE
Accounts Payable	344,709,618	69,107,451	15,000	20,717,672
Payables to Associated Companies	499,510,432	25,734,731	124,467	62,719,150
Taxes Accrued	-54,163,794	41,008,753	9,148,316	NE
Interest Accrued	20,155,081	6,739,583	1,160,460	NE
Dividends Declared	784,621	82,500	NE	NE
Tax Collections Payable	1,581,512	619,446	NE	NE
Other Current and Accrued Liabilities	30,774,841	71,101,986	415,317	NE
Obligations Under Capital Leases	NE	247,950	NE	NE
Total Current and Accrued Liabilities	843,352,311	214,642,400	10,863,560	83,436,822
Deferred Credits				
Customer Advances for Construction	NE	NE	NE	NE
Accumulated Deferred Investment Tax Credits	1,902,000	NE	NE	NE
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	1,950,596	472,161	NE	NE
Accumulated Deferred Income Taxes	305,911,900	82,372,868	50,381,041	27,258
Other Deferred Credits	5,227,006	40,729,714	NE	23,299
Total Deferred Credits	314,991,502	123,574,743	50,381,041	50,557
Total Liabilities and Other Credits	2,872,526,619	1,010,488,474	330,540,640	85,523,228

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Transcontinental Gas Pipe Line Corporation	Transwestern Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$3,359,784,888	\$696,462,003	\$1,008,375,301	\$63,055,768
Gas Construction Work in Progress	45,916,383	32,424	2,116,151	4,847
Total Gas Utility Plant	3,405,701,271	696,494,427	1,010,491,452	63,060,615
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	1,956,912,923	440,057,802	725,565,806	50,978,716
Net Gas Utility Plant	1,448,788,348	256,436,625	284,925,646	12,081,899
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	NE	NE	NE	NE
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	NE	NE	NE	NE
Net Other Utility Plant	NE	NE	NE	NE
All Utility Plant	3,359,784,888	696,462,003	1,008,375,301	63,055,768
All Utility Plant Construction Work in Progress	45,916,383	32,424	2,116,151	4,847
Total All Utility Plant	3,405,701,271	696,494,427	1,010,491,452	63,060,615
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	1,956,912,923	440,057,802	725,565,806	50,978,716
Net All Utility Plant	1,448,788,348	256,436,625	284,925,646	12,081,899
Gas Stored Underground (noncurrent)	42,940,323	NE	42,131,376	NE
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	NE	NE	NE	NE
Investments in Associated Companies	283,200,547	NE	NE	NE
Investments in Subsidiary Companies	1,330	NE	13,127,974	NE
Other Investments	NE	NE	407	NE
Special Funds	NE	NE	NE	NE
Total Other Property and Investments	283,201,877	NE	13,128,381	NE
Current and Accrued Assets				
Cash	-17,329,483	-12,459,253	1,177,707	39,283
Special Deposits	4,848,687	3,198	8,390	19,858
Working Funds	1,230,362	-152,907	114,197	NE
Temporary Cash Investments	5,843,597	NE	NE	NE
Notes and Accounts Receivable (net)	122,907,208	3,024,084	132,445,540	775,260
Receivables from Associated Companies	181,719,643	61,745,965	206,566,995	357,706
Materials and Supplies	36,604,257	9,535,907	8,419,113	249,247
Gas Stored Underground	18,419,023	NE	33,311,017	NE
Liquefied Natural Gas Stored	723,070	NE	NE	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	33,311,554	5,029,528	26,789,720	53,011
Advances for Gas Exploration, Development, and Production	NE	NE	NE	NE
Other Advances for Gas	695,895	NE	NE	NE
Other Current and Accrued Assets	111,507,946	52,184,896	33,537,321	NE
Total Current and Accrued Assets	500,481,759	118,911,418	442,370,000	1,494,365
Deferred Debits				
Unamortized Debt Expense	5,905,023	177,787	NE	NE
Extraordinary Property Losses	NE	NE	NE	NE
Unrecovered Plant and Regulatory Study Costs	NE	NE	NE	NE
Preliminary Survey and Investigation Charges	NE	1,865,175	155,918	NE
Clearing Accounts	505,383	-1,521,296	-618,729	NE
Deferred Losses from Disposition of Utility Plant	NE	NE	NE	NE
Research, Development, and Demonstration Expenditures	NE	-1,127,611	NE	NE
Unamortized Loss on Reacquired Debt	14,426,832	NE	280,930	NE
Accumulated Deferred Income Taxes	79,747,688	11,452,170	7,952,770	121,341
Unrecovered Purchased Gas Costs	55,552,950	38,267,118	21,560,532	NE
Unrecovered Incremental Gas Costs	NE	NE	NE	NE
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	530,777,719	69,164,925	60,222,335	5,207,723
Total Deferred Debits	686,915,595	118,278,268	89,553,756	5,329,064
Total Assets and Other Debits	2,962,327,902	493,626,311	872,109,159	18,905,328

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	Transcontinental Gas Pipe Line Corporation	Transwestern Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	\$100	\$1,000	\$26,750,000	NE
Preferred Stock Issued	133,919,450	NE	10,852,800	NE
Capital Stock Subscribed, Liability and Premium	96,155,516	NE	38,284,331	NE
Other Paid-in Capital	27,518,416	111,721,148	1,064,724	\$8,859,514
Installments Received on Capital Stock	NE	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	1,471,390	NE	199,759	NE
Retained Earnings	483,995,527	105,978,868	168,596,184	NE
Unappropriated, Undistributed Subsidiary Earnings	NE	NE	4,539,374	NE
(Less) Reacquired Capital Stock	NE	NE	NE	NE
Total Proprietary Capital	740,117,619	217,701,016	249,887,654	8,859,514
Long-Term Debt				
Bonds (less reacquired)	176,695,000	NE	NE	NE
Advances from Associated Companies	NE	NE	200,000,000	NE
Unamortized Premium Long-Term Debt	1,828,187	NE	NE	NE
(Less) Unamortized Discount on Long-Term Debt--Dr.	6,522,943	NE	NE	NE
Other Long-Term Debt	574,500,000	100,000,000	NE	5,000,000
Total Long-Term Debt	746,500,244	100,000,000	200,000,000	5,000,000
Other Noncurrent Liabilities				
Obligations Under Capital Leases	NE	NE	NE	NE
Accumulated Provision for Property Insurance	NE	NE	-46,061	NE
Accumulated Provision for Injuries and Damages	NE	NE	136,446	NE
Accumulated Provision for Pensions and Benefits	NE	NE	NE	NE
Accumulated Miscellaneous Operating Provisions	NE	NE	NE	NE
Accumulated Provision for Rate Refunds	184,082,033	NE	179,449,956	NE
Total Other Noncurrent Liabilities	184,082,033	NE	179,540,341	NE
Current and Accrued Liabilities				
Notes Payable	278,295,000	NE	NE	NE
Accounts Payable	117,365,104	12,297,150	104,053,014	NE
Payables to Associated Companies	56,737,670	26,334,151	18,285,166	30,891
Taxes Accrued	7,491,158	2,328,454	-15,239,255	-45
Interest Accrued	19,560,974	6,495,813	NE	2,841
Dividends Declared	2,015,020	NE	NE	NE
Tax Collections Payable	14,682	3,270	130,515	NE
Other Current and Accrued Liabilities	235,590,236	907,500	7,138	114,867
Obligations Under Capital Leases	NE	NE	NE	NE
Total Current and Accrued Liabilities	717,069,844	48,366,338	107,236,578	148,554
Deferred Credits				
Customer Advances for Construction	277,128	NE	NE	NE
Accumulated Deferred Investment Tax Credits	NE	60,000	583,273	NE
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	2,100,372	NE	786,601	NE
Accumulated Deferred Income Taxes	502,221,786	79,421,761	127,444,923	4,897,260
Other Deferred Credits	69,958,876	48,077,196	6,629,789	NE
Total Deferred Credits	574,558,162	127,558,957	135,444,586	4,897,260
Total Liabilities and Other Credits	2,962,327,902	493,626,311	872,109,159	18,905,328

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Assets and Other Debits				
Utility Plant				
Gas Utility Plant	\$1,143,028,273	\$669,601,944	\$206,410,262	\$179,524,352
Gas Construction Work in Progress	17,448,029	13,281,605	3,402,992	NE
Total Gas Utility Plant	1,160,476,302	682,883,549	209,813,254	179,524,352
(Less) Gas Utility Accumulated Provision for Depreciation, Depletion, and Amortization	797,500,919	395,856,439	79,085,338	52,287,017
Net Gas Utility Plant	362,975,383	287,027,110	130,727,916	127,237,335
Other Utility Plant	NE	NE	NE	NE
Other Utility Construction Work in Progress	NE	NE	NE	NE
Total Other Utility Plant	NE	NE	NE	NE
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	NE	NE	NE	NE
Net Other Utility Plant	NE	NE	NE	NE
All Utility Plant	1,143,028,273	669,601,944	206,410,262	179,524,352
All Utility Plant Construction Work in Progress	17,448,029	13,281,605	3,402,992	NE
Total All Utility Plant	1,160,476,302	682,883,549	209,813,254	179,524,352
(Less) Other Utility Accumulated Provision for Depreciation, Depletion, and Amortization	797,500,919	395,856,439	79,085,338	52,287,017
Net All Utility Plant	362,975,383	287,027,110	130,727,916	127,237,335
Gas Stored Underground (noncurrent)	9,101,329	33,896,527	52,750,986	NE
Utility Plant Adjustments	NE	NE	NE	NE
Other Property and Investments				
Nonutility Property Less Accumulated Provision for Depreciation and Amortization	126,190	213,249	NE	NE
Investments in Associated Companies	18,071,548	NE	NE	NE
Investments in Subsidiary Companies	153,059,273	NE	NE	NE
Other Investments	39,875	61,500	99,449,632	NE
Special Funds	22,771	326,988	603,672	NE
Total Other Property and Investments	171,319,657	601,737	100,053,304	NE
Current and Accrued Assets				
Cash	4,118,037	76,959	446,283	27,556
Special Deposits	NE	10,117	44,830	NE
Working Funds	106,373	4,050	7,600	NE
Temporary Cash Investments	19,500,000	NE	38,911,918	5,660,000
Notes and Accounts Receivable (net)	192,780,926	74,642,425	6,313,397	2,059,568
Receivables from Associated Companies	113,963,996	105,324,027	27,319,624	10,753,524
Materials and Supplies	5,677,786	10,504,594	1,996,426	988,308
Gas Stored Underground	141,761,647	-5,048,618	3,680,843	NE
Liquefied Natural Gas Stored	NE	NE	NE	NE
Liquefied Natural Gas Held for Processing	NE	NE	NE	NE
Prepayments	10,550,059	320,385	634,584	NE
Advances for Gas Exploration, Development, and Production	NE	NE	NE	NE
Other Advances for Gas	NE	NE	NE	NE
Other Current and Accrued Assets	312,074,731	28,458,613	24,715,855	NE
Total Current and Accrued Assets	800,533,555	214,292,552	104,071,360	19,488,956
Deferred Debits				
Unamortized Debt Expense	8,298,984	1,340,471	NE	161,886
Extraordinary Property Losses	NE	NE	NE	NE
Unrecovered Plant and Regulatory Study Costs	NE	NE	NE	NE
Preliminary Survey and Investigation Charges	274,465	NE	NE	NE
Clearing Accounts	9,364	108,010	NE	NE
Deferred Losses from Disposition of Utility Plant	NE	NE	NE	NE
Research, Development, and Demonstration Expenditures	-3	NE	-88,389	NE
Unamortized Loss on Reacquired Debt	NE	6,587,906	NE	NE
Accumulated Deferred Income Taxes	212,950,747	13,410,399	24,429,323	14,030,000
Unrecovered Purchased Gas Costs	81,501,521	50,220,273	-3,616,786	NE
Unrecovered Incremental Gas Costs	NE	NE	NE	NE
Unrecovered Incremental Surcharges	NE	NE	NE	NE
Other Deferred Debits	124,222,742	28,910,242	17,452,399	17,088,388
Total Deferred Debits	427,257,820	100,577,301	38,176,547	31,280,274
Total Assets and Other Debits	1,771,187,744	636,395,227	425,780,113	178,006,565

See footnotes at end of table.

Table 22. Balance Sheet as of December 31, 1988 (Continued)

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Liabilities and Other Credits				
Proprietary Capital				
Common Stock Issued	\$1	\$45,000,000	\$300,000	NE
Preferred Stock Issued	NE	218,110	18,000,000	NE
Capital Stock Subscribed, Liability and Premium	361,847,350	10,687,390	59,700,000	NE
Other Paid-in Capital	108,947,778	17,164,603	NE	\$33,734,230
Installments Received on Capital Stock	NE	NE	NE	NE
Discount on Capital Stock	NE	NE	NE	NE
(Less) Capital Stock Expense	NE	NE	NE	NE
Retained Earnings	-185,339,306	164,975,475	4,657,875	646,190
Unappropriated, Undistributed Subsidiary Earnings	-14,153,968	NE	NE	NE
(Less) Reacquired Capital Stock	NE	NE	NE	NE
Total Proprietary Capital	271,301,855	238,045,578	82,657,875	34,380,420
Long-Term Debt				
Bonds (less reacquired)	110,000,000	147,625,000	NE	NE
Advances from Associated Companies	NE	NE	76,500,000	NE
Unamortized Premium Long-Term Debt	NE	NE	NE	NE
(Less) Unamortized Discount on Long-Term Debt--Dr.	NE	NE	NE	NE
Other Long-Term Debt	210,000,000	NE	NE	77,353,809
Total Long-Term Debt	320,000,000	147,625,000	76,500,000	77,353,809
Other Noncurrent Liabilities				
Obligations Under Capital Leases	NE	NE	NE	NE
Accumulated Provision for Property Insurance	NE	NE	NE	NE
Accumulated Provision for Injuries and Damages	NE	615,316	67,089	NE
Accumulated Provision for Pensions and Benefits	NE	5,551,166	NE	NE
Accumulated Miscellaneous Operating Provisions	NE	NE	NE	NE
Accumulated Provision for Rate Refunds	134,391,243	13,196,595	26,733,587	28,912,274
Total Other Noncurrent Liabilities	134,391,243	19,363,077	26,800,676	28,912,274
Current and Accrued Liabilities				
Notes Payable	NE	NE	NE	NE
Accounts Payable	87,628,477	106,185,561	23,789,207	42,094
Payables to Associated Companies	62,203,062	2,571,226	381,533	199,423
Taxes Accrued	4,801,618	-2,429,722	2,710,323	1,134,133
Interest Accrued	5,440,561	2,212,448	1,908,363	5,257,691
Dividends Declared	15,519,028	133,592	396,000	NE
Tax Collections Payable	1,058,037	410,228	228,846	NE
Other Current and Accrued Liabilities	354,810,910	44,866,637	153,877,068	NE
Obligations Under Capital Leases	NE	NE	NE	NE
Total Current and Accrued Liabilities	531,461,693	153,949,970	183,291,340	6,633,341
Deferred Credits				
Customer Advances for Construction	NE	NE	928,401	NE
Accumulated Deferred Investment Tax Credits	588,603	483,096	6,457,306	NE
Deferred Gains from Disposition of Utility Plant	NE	NE	NE	NE
Unamortized Gain on Reacquired Debt	NE	1,052,024	NE	NE
Accumulated Deferred Income Taxes	58,772,498	70,876,482	48,308,465	30,726,721
Other Deferred Credits	454,671,852	5,000,000	836,050	NE
Total Deferred Credits	514,032,953	77,411,602	56,530,222	30,726,721
Total Liabilities and Other Credits	1,771,187,744	636,395,227	425,780,113	178,006,565

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals. From 1984 to 1986, detail may not add to totals due to lack of detail in the data for Arkla, Inc.. Total values are correct.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 23. Statement of Income and Retained Earnings as of December 31, 1988

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Gas Utility Operating Income				
Gas Operating Revenues	\$26,738,501,042	\$531,917,683	\$1,282,294,213	\$1,339,299,523
Gas Operating Expenses				
Operation Expense	22,140,041,377	480,750,538	825,312,365	973,447,113
Maintenance Expense	602,167,780	2,736,396	41,326,877	42,893,854
Depreciation Expense	1,532,803,557	10,410,561	124,754,575	63,318,769
Amortization and Depletion of Gas Plant	18,136,603	62,530	682,953	210,169
Amortization of Gas Plant Acquisition Adjustments	10,702	NE	NE	NE
Amortization of Gas Property Losses, Unrecovered				
Plant and Regulatory Study Cost	1,137,199	NE	NE	NE
Amortization of Gas Conversion Expenses	27,598	NE	NE	NE
Taxes Other Than Income Taxes	594,903,672	5,648,273	34,422,264	67,856,072
Income Taxes--Federal	191,416,343	14,071,700	114,607,140	6,171,078
Income Taxes--Other	55,071,974	3,383,900	10,426,473	468,572
Provision for Deferred Income Taxes	2,034,257,480	4,460,700	60,013,233	44,023,168
(Less) Provision for Deferred Income Taxes	2,120,906,065	10,653,600	117,919,653	27,888,258
Investment Tax Credit Adjustments--Net	-6,749,887	NE	-988,229	NE
(Less) Gains from Disposition of Gas Utility Plant	10,106	NE	NE	NE
Losses from Disposition of Gas Utility Plant	438,072	NE	NE	6,426
Total Gas Operating Expense	25,031,309,206	510,870,998	1,092,637,998	1,170,506,963
Net Gas Operating Revenues	1,681,313,455	21,046,685	189,656,215	168,792,560
Other Utility Operating Income	8,190,142	NE	NE	NE
Total Utility Operating Income	1,689,503,597	21,046,685	189,656,215	168,792,560
Other Income and Deductions				
Other Income				
Nonutility Operating Income	\$84,889,402	NE	NE	-\$467,573
Equity in Earnings of Subsidiary Companies	1,221,231,655	\$1,244,509	\$3,400,624	36,247,328
Interest and Dividend Income	572,112,185	5,580,595	35,444,388	27,969,845
Allowance for Funds Used During Construction	19,236,730	195,186	631,092	NE
Miscellaneous Nonoperating Income	212,959,971	NE	NE	3,168,789
Gain on Disposition of Property	11,197,436	NE	49,928	768,972
Total Other Income	2,121,627,379	7,020,290	39,526,032	67,687,361
Other Income Deductions				
Loss on Disposition of Property	4,847,419	NE	NE	NE
Miscellaneous Amortization	4,293,209	NE	NE	3,372,807
Miscellaneous Income Deductions	494,879,590	33,385	838,758	3,060,317
Total Other Income Deductions	504,020,218	33,385	838,758	6,433,124
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	23,678,427	NE	NE	742,817
Income Taxes--Federal	-114,291,131	67,000	11,760,298	7,309,000
Income Taxes--Other	3,148,682	16,500	973,994	1,377,100
Provision for Deferred Income Taxes	-57,789,232	NE	718,786	21,000
(Less) Provision for Deferred Income Taxes	106,182,582	NE	869,416	22,000
Investment Tax Credit Adjustments--Net	235,744	NE	NE	NE
(Less) Investment Tax Credits	4,871,937	NE	6,309,846	74,000
Total Taxes Applicable to Other Income and Deductions	-256,072,029	83,500	6,273,816	9,353,917
Net Other Income and Deductions	1,873,679,190	6,903,405	32,413,458	51,900,320
Interest Charges				
Interest on Long-Term Debt	1,189,975,325	7,955,387	51,925,709	74,513,421
Amortization of Debt Discount and Expense	-25,260,759	70,443	694,440	560,071
Amortization of Loss on Reacquired Debt	25,630,541	NE	1,412,868	1,325,661
(Less) Amortization of Premium on Debt	822,961	NE	14,414	NE
(Less) Amortization of Gain on Reacquired Debt	13,025,363	NE	1,980,532	686,229
Interest on Debt to Associated Companies	269,917,300	NE	NE	7,256,025
Other Interest Expense	704,751,559	3,775,295	5,080,577	35,750,217
Allowance for Borrowed Funds Used During				
Construction Credit	28,213,552	115,223	165,481	2,250,286
Net Interest Charges	2,122,952,090	11,685,902	56,953,167	116,468,880
Income Before Extraordinary Items	1,440,230,697	16,264,188	165,116,506	104,224,000

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	-\$50,781	NE	NE	NE
Extraordinary Deductions	30,537,826	NE	NE	NE
Net Extraordinary Items	-30,588,607	NE	NE	NE
Income Taxes--Federal and Other	-5,596,680	NE	NE	NE
Extraordinary Items After Taxes	-24,991,927	NE	NE	NE
Net Income	1,415,238,770	\$16,264,188	\$165,116,506	\$104,224,000
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$9,140,997,810	\$71,515,127	\$342,906,760	\$406,111,619
Balance Transferred from Income	194,007,116	15,019,679	161,715,882	67,976,672
Credits to Retained Earnings	569,606,248	NE	NE	23,077,433
Debits to Retained Earnings	21,528,568	NE	NE	9,732,011
Appropriations of Retained Earnings	5,537,967	NE	NE	NE
Dividends Declared--Preferred Stock	142,914,315	NE	10,929,794	7,800,000
Dividends Declared--Common Stock	2,284,803,575	13,295,985	78,800,000	91,151,620
Unappropriated, Undistributed Subsidiary Earnings	460,728,499	1,129,170	3,400,624	14,875,000
Unappropriated Retained Earnings--End of Year	7,910,555,248	74,367,991	418,293,472	403,357,093
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	7,910,555,248	74,367,991	418,293,472	403,357,093

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	CNG transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Gas Utility Operating Income				
Gas Operating Revenues	\$1,042,293,154	\$430,543,764	\$1,906,141,383	\$129,161,580
Gas Operating Expenses				
Operation Expense	856,897,821	298,768,522	1,639,817,831	47,717,851
Maintenance Expense	16,938,166	17,253,947	31,381,867	11,691,118
Depreciation Expense	43,213,866	8,537,760	45,660,340	40,792,587
Amortization and Depletion of Gas Plant	4,631,555	503,588	1,492,457	18,196
Amortization of Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	NE	NE	NE	NE
Amortization of Gas Conversion Expenses	NE	NE	NE	NE
Taxes Other Than Income Taxes	25,679,041	10,842,115	39,979,452	6,342,158
Income Taxes--Federal	39,106,785	2,534,000	28,012,084	10,189,938
Income Taxes--Other	5,878,247	105,619	-1,399,568	1,315,573
Provision for Deferred Income Taxes	47,363,246	22,560,000	236,573,896	2,699,254
(Less) Provision for Deferred Income Taxes	64,972,967	-3,672,000	227,381,481	10,575,293
Investment Tax Credit Adjustments--Net	-6,000	NE	-613,693	-182,733
(Less) Gains from Disposition of Gas Utility Plant	10,106	NE	NE	NE
Losses from Disposition of Gas Utility Plant	NE	NE	NE	NE
Total Gas Operating Expense	974,719,654	364,777,551	1,793,523,185	110,008,649
Net Gas Operating Revenues	67,573,500	65,766,213	112,618,198	19,152,931
Other Utility Operating Income	NE	NE	NE	NE
Total Utility Operating Income	67,573,500	65,766,213	112,618,198	19,152,931
Other Income and Deductions				
Other Income				
Nonutility Operating Income	-\$110	\$22,219	\$42,582,549	NE
Equity in Earnings of Subsidiary Companies	NE	664,971	NE	-\$2,101,544
Interest and Dividend Income	14,281,727	22,996,756	23,004,650	6,620,258
Allowance for Funds Used During Construction	NE	230,891	NE	NE
Miscellaneous Nonoperating Income	57,628	1,073,290	40,944	-372
Gain on Disposition of Property	128,051	NE	64,597	NE
Total Other Income	14,467,296	24,988,127	65,692,740	4,518,342
Other Income Deductions				
Loss on Disposition of Property	62,118	3,768	37,639	NE
Miscellaneous Amortization	NE	NE	NE	NE
Miscellaneous Income Deductions	143,588	405,245	395,518,368	142,152
Total Other Income Deductions	205,706	409,013	395,556,007	142,152
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	23,057	NE	6,527,429	19,000
Income Taxes--Federal	4,529,000	7,275,000	16,943,754	3,745,153
Income Taxes--Other	870,000	949,000	2,414,469	473,066
Provision for Deferred Income Taxes	NE	NE	-141,863,947	4,581,342
(Less) Provision for Deferred Income Taxes	NE	NE	3,472,971	4,260,082
Investment Tax Credit Adjustments--Net	NE	NE	294,580	-2,053
(Less) Investment Tax Credits	454,000	251,000	-8,546	111,059
Total Taxes Applicable to Other Income and Deductions	4,968,057	7,973,000	-119,148,140	4,445,367
Net Other Income and Deductions	9,293,533	16,606,114	-210,715,127	-69,177
Interest Charges				
Interest on Long-Term Debt	NE	8,904,585	2,463,357	NE
Amortization of Debt Discount and Expense	NE	53,272	-62,871,612	NE
Amortization of Loss on Recquired Debt	NE	NE	NE	NE
(Less) Amortization of Premium on Debt	NE	NE	NE	NE
(Less) Amortization of Gain on Recquired Debt	900,298	636,411	NE	NE
Interest on Debt to Associated Companies	19,659,579	NE	100,663,934	6,669,473
Other Interest Expense	-2,636,295	6,962,726	8,682,622	846,628
Allowance for Borrowed Funds Used During Construction Credit	813,743	37,629	627,537	1,025,298
Net Interest Charges	15,309,243	15,246,543	48,310,764	6,490,803
Income Before Extraordinary Items	61,557,790	67,125,784	-146,407,693	12,592,951

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	CNG transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	NE	NE	NE	NE
Extraordinary Deductions	NE	NE	NE	NE
Net Extraordinary Items	NE	NE	NE	NE
Income Taxes--Federal and Other	NE	NE	NE	NE
Extraordinary Items After Taxes	NE	NE	NE	NE
Net Income	\$61,557,790	\$67,125,784	-\$146,407,693	\$12,592,951
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$136,380,464	\$364,575,685	\$19,949,345	\$9,656,647
Balance Transferred from Income	61,557,790	66,460,813	-146,407,693	14,694,495
Credits to Retained Earnings	NE	NE	NE	NE
Debits to Retained Earnings	NE	NE	NE	NE
Appropriations of Retained Earnings	NE	NE	NE	NE
Dividends Declared--Preferred Stock	NE	338,605	NE	NE
Dividends Declared--Common Stock	53,065,764	36,400,000	25,833,277	14,645,980
Unappropriated, Undistributed Subsidiary Earnings	NE	600,000	NE	-320,905
Unappropriated Retained Earnings--End of Year	144,872,490	394,897,893	-152,291,625	9,384,257
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	144,872,490	394,897,893	-152,291,625	9,384,257

See footnotes at end of table.

Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Gas Utility Operating Income				
Gas Operating Revenues	\$261,594,436	\$1,041,718,876	\$1,447,272,609	\$555,153,460
Gas Operating Expenses				
Operation Expense	245,557,192	920,265,771	1,040,968,071	521,056,561
Maintenance Expense	1,355,367	57,407,399	42,838,378	6,986,309
Depreciation Expense	3,403,714	85,125,581	85,376,073	16,897,356
Amortization and Depletion of Gas Plant	14,397	691,271	339,500	16,209
Amortization of Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	NE	NE	NE	NE
Amortization of Gas Conversion Expenses	NE	NE	NE	NE
Taxes Other Than Income Taxes	2,651,711	34,847,886	30,559,139	5,561,140
Income Taxes--Federal	1,971,200	-26,014,236	-25,824,496	427,300
Income Taxes--Other	109,789	-724,215	-3,463,307	34,200
Provision for Deferred Income Taxes	3,174,800	201,550,271	132,839,436	6,289,600
(Less) Provision for Deferred Income Taxes	2,644,400	200,704,165	38,652,567	6,113,000
Investment Tax Credit Adjustments--Net	-14,700	NE	NE	-22,000
(Less) Gains from Disposition of Gas Utility Plant	NE	NE	NE	NE
Losses from Disposition of Gas Utility Plant	NE	NE	NE	NE
Total Gas Operating Expense	255,579,070	1,052,445,563	1,264,980,227	551,133,675
Net Gas Operating Revenues	6,015,366	-10,726,687	182,292,382	4,019,785
Other Utility Operating Income	NE	-10,486	NE	NE
Total Utility Operating Income	6,015,366	-10,737,173	182,292,382	4,019,785
Other Income and Deductions				
Other Income				
Nonutility Operating Income	NE	\$3,960,739	-\$13,722,666	-\$16
Equity in Earnings of Subsidiary Companies	NE	48,570,066	79,769,015	NE
Interest and Dividend Income	\$199,325	38,249,982	82,402,648	1,131,674
Allowance for Funds Used During Construction	103,201	-17,669	NE	378,793
Miscellaneous Nonoperating Income	1,114	4,664	142,822,538	NE
Gain on Disposition of Property	NE	NE	8,811,530	206,100
Total Other Income	303,640	90,767,782	300,083,065	1,716,551
Other Income Deductions				
Loss on Disposition of Property	NE	NE	NE	NE
Miscellaneous Amortization	NE	NE	NE	NE
Miscellaneous Income Deductions	54,928	809,266	42,650,190	809,609
Total Other Income Deductions	54,928	809,266	42,650,190	809,609
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	8,632	552,655	4,033,446	NE
Income Taxes--Federal	46,100	-35,088,743	-40,591,383	-447,000
Income Taxes--Other	1,320	1,156,000	-12,109,094	-75,500
Provision for Deferred Income Taxes	NE	31,506,597	35,467,435	NE
(Less) Provision for Deferred Income Taxes	NE	7,288,000	80,954,180	NE
Investment Tax Credit Adjustments--Net	NE	NE	NE	NE
(Less) Investment Tax Credits	-200	-217,000	48,000	-8,400
Total Taxes Applicable to Other Income and Deductions	56,252	-8,944,491	-94,201,776	-514,100
Net Other Income and Deductions	192,460	98,903,007	351,634,651	1,421,042
Interest Charges				
Interest on Long-Term Debt	77,360	43,076,508	240,234,298	3,520,879
Amortization of Debt Discount and Expense	981	670,497	21,543,296	3,504
Amortization of Loss on Recquired Debt	NE	2,278,489	1,927,149	NE
(Less) Amortization of Premium on Debt	NE	NE	53,829	NE
(Less) Amortization of Gain on Recquired Debt	NE	NE	1,114,939	432,948
Interest on Debt to Associated Companies	1,015	10,182,394	52,438,248	NE
Other Interest Expense	1,884,658	23,329,213	109,999,421	2,391,379
Allowance for Borrowed Funds Used During Construction Credit	6,273	770,353	15,693	173,598
Net Interest Charges	1,957,741	78,766,748	424,957,951	5,309,216
Income Before Extraordinary Items	4,250,085	9,399,086	108,969,082	131,611

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	NE	NE	NE	NE
Extraordinary Deductions	NE	NE	NE	NE
Net Extraordinary Items	NE	NE	NE	NE
Income Taxes--Federal and Other	NE	NE	NE	NE
Extraordinary Items After Taxes	NE	NE	NE	NE
Net Income	\$4,250,085	\$9,399,086	\$108,969,082	\$131,611
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$35,230,465	\$741,638,332	\$655,578,028	\$17,841,377
Balance Transferred from Income	4,250,085	-39,170,980	29,200,067	131,611
Credits to Retained Earnings	NE	NE	444,422,859	NE
Debits to Retained Earnings	NE	3,563,008	671,116	NE
Appropriations of Retained Earnings	NE	NE	NE	NE
Dividends Declared--Preferred Stock	NE	2,452,588	36,090,844	NE
Dividends Declared--Common Stock	NE	248,758	117,526,707	NE
Unappropriated, Undistributed Subsidiary Earnings	NE	7,596,247	NE	NE
Unappropriated Retained Earnings--End of Year	39,480,550	703,799,245	974,912,287	17,972,988
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	39,480,550	703,799,245	974,912,287	17,972,988

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Gas Utility Operating Income				
Gas Operating Revenues	\$280,325,876	\$63,237,033	\$307,623,350	\$1,197,639,629
Gas Operating Expenses				
Operation Expense	189,624,122	21,349,286	254,107,602	960,040,632
Maintenance Expense	4,518,076	3,546,920	7,287,520	18,935,066
Depreciation Expense	16,493,499	16,056,223	13,957,952	58,848,210
Amortization and Depletion of Gas Plant	84,431	NE	4,652	1,376,484
Amortization of Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	NE	NE	375,787	-23,712
Amortization of Gas Conversion Expenses	NE	NE	NE	NE
Taxes Other Than Income Taxes	12,765,703	44,600	7,250,218	46,985,861
Income Taxes--Federal	8,335,000	2,454,600	8,870,900	45,515,891
Income Taxes--Other	816,000	NE	1,941,801	1,334,826
Provision for Deferred Income Taxes	15,784,000	14,147,300	5,524,319	-11,027,745
(Less) Provision for Deferred Income Taxes	8,522,000	10,801,660	8,373,916	11,669,593
Investment Tax Credit Adjustments--Net	NE	NE	NE	-1,399,182
(Less) Gains from Disposition of Gas Utility Plant	NE	NE	NE	NE
Losses from Disposition of Gas Utility Plant	NE	NE	NE	NE
Total Gas Operating Expense	239,898,831	46,797,269	290,946,835	1,097,712,500
Net Gas Operating Revenues	40,427,045	16,439,764	16,676,515	74,048,749
Other Utility Operating Income	NE	NE	NE	7,774,519
Total Utility Operating Income	40,427,045	16,439,764	16,676,515	81,823,268
Other Income and Deductions				
Other Income				
Nonutility Operating Income	NE	NE	\$17,534	-\$62,186
Equity in Earnings of Subsidiary Companies	\$579,987	NE	-9,669,523	-1,695,294
Interest and Dividend Income	471,656	\$1,028,310	14,715,720	1,735,157
Allowance for Funds Used During Construction	NE	NE	NE	224,105
Miscellaneous Nonoperating Income	NE	NE	16,827,505	353,084
Gain on Disposition of Property	NE	NE	1,136	19,071
Total Other Income	1,051,643	1,028,310	21,892,372	573,937
Other Income Deductions				
Loss on Disposition of Property	NE	NE	NE	464,029
Miscellaneous Amortization	NE	NE	NE	58,002
Miscellaneous Income Deductions	275,455	NE	153,524	3,964,535
Total Other Income Deductions	275,455	NE	153,524	4,486,566
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	NE	NE	134,692	45,810
Income Taxes--Federal	155,000	349,600	4,717,855	-210,689
Income Taxes--Other	15,000	NE	-27,261	NE
Provision for Deferred Income Taxes	NE	NE	NE	10,832
(Less) Provision for Deferred Income Taxes	NE	NE	NE	41,220
Investment Tax Credit Adjustments--Net	NE	NE	NE	-56,783
(Less) Investment Tax Credits	20,000	NE	29,808	366,601
Total Taxes Applicable to Other Income and Deductions	150,000	349,600	4,795,478	-618,651
Net Other Income and Deductions	626,188	678,710	16,943,370	-3,293,978
Interest Charges				
Interest on Long-Term Debt	7,062,890	2,869,214	12,475,205	19,603,760
Amortization of Debt Discount and Expense	24,134	NE	173,191	140,032
Amortization of Loss on Reacquired Debt	NE	NE	82,680	479,981
(Less) Amortization of Premium on Debt	NE	NE	NE	40,881
(Less) Amortization of Gain on Reacquired Debt	NE	NE	253,451	NE
Interest on Debt to Associated Companies	472,838	NE	105,144	47,440
Other Interest Expense	1,336,862	420,688	5,495,187	9,082,982
Allowance for Borrowed Funds Used During Construction Credit	149,288	NE	7,647	190,376
Net Interest Charges	8,747,436	3,289,902	18,070,309	29,122,938
Income Before Extraordinary Items	32,305,797	13,828,572	15,549,576	49,406,352

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	NE	NE	NE	NE
Extraordinary Deductions	NE	NE	NE	NE
Net Extraordinary Items	NE	NE	NE	NE
Income Taxes--Federal and Other	NE	NE	NE	NE
Extraordinary Items After Taxes	NE	NE	NE	NE
Net Income	\$32,305,797	\$13,828,572	\$15,549,576	\$49,406,352
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$54,593,024	\$33,929,047	\$100,647,636	\$92,090,019
Balance Transferred from Income	31,725,810	13,828,572	25,219,099	51,101,646
Credits to Retained Earnings	NE	NE	NE	NE
Debits to Retained Earnings	NE	NE	NE	1,813,286
Appropriations of Retained Earnings	NE	NE	NE	NE
Dividends Declared--Preferred Stock	NE	NE	1,873,869	1,669,932
Dividends Declared--Common Stock	50,000,000	1,728,370	9,089,394	33,521,616
Unappropriated, Undistributed Subsidiary Earnings	NE	NE	16,679,320	115,692
Unappropriated Retained Earnings--End of Year	36,318,834	46,029,249	131,582,792	106,302,523
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	36,318,834	46,029,249	131,582,792	106,302,523

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Gas Utility Operating Income				
Gas Operating Revenues	\$108,980,932	\$386,796,950	\$446,591,020	\$476,770,405
Gas Operating Expenses				
Operation Expense	101,449,658	374,447,475	393,168,114	418,431,971
Maintenance Expense	2,051,932	1,795,122	3,159,114	4,935,365
Depreciation Expense	722,549	3,385,179	14,148,407	9,838,170
Amortization and Depletion of Gas Plant	NE	41,278	247,869	606,950
Amortization of Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	NE	NE	NE	NE
Amortization of Gas Conversion Expenses	NE	NE	NE	NE
Taxes Other Than Income Taxes	1,495,888	2,035,225	3,040,682	7,950,490
Income Taxes--Federal	789,395	-2,370,600	-705,000	13,742,495
Income Taxes--Other	NE	394,065	311,000	2,237,399
Provision for Deferred Income Taxes	851,309	6,088,600	11,689,000	14,831,137
(Less) Provision for Deferred Income Taxes	540,181	1,936,070	1,470,000	22,858,589
Investment Tax Credit Adjustments--Net	NE	-143,600	NE	-58
(Less) Gains from Disposition of Gas Utility Plant	NE	NE	NE	NE
Losses from Disposition of Gas Utility Plant	NE	NE	NE	NE
Total Gas Operating Expense	106,820,550	383,736,674	423,589,186	449,715,330
Net Gas Operating Revenues	2,160,382	3,060,276	23,001,834	27,055,075
Other Utility Operating Income	NE	NE	NE	NE
Total Utility Operating Income	2,160,382	3,060,276	23,001,834	27,055,075
Other Income and Deductions				
Other Income				
Nonutility Operating Income	NE	NE	NE	NE
Equity in Earnings of Subsidiary Companies	NE	NE	NE	NE
Interest and Dividend Income	\$496,292	\$2,962,266	\$2,903,108	\$3,683,371
Allowance for Funds Used During Construction	NE	316,554	196,408	607,092
Miscellaneous Nonoperating Income	NE	44,599	NE	50,375
Gain on Disposition of Property	250	NE	NE	7,043
Total Other Income	496,542	3,323,419	3,099,516	4,347,881
Other Income Deductions				
Loss on Disposition of Property	NE	NE	NE	NE
Miscellaneous Amortization	NE	NE	NE	NE
Miscellaneous Income Deductions	NE	14,941	178,956	443,584
Total Other Income Deductions	NE	14,941	178,956	443,584
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	NE	NE	NE	5,134
Income Taxes--Federal	168,825	995,600	1,100,000	1,182,718
Income Taxes--Other	NE	64,039	NE	193,951
Provision for Deferred Income Taxes	NE	NE	NE	-187,552
(Less) Provision for Deferred Income Taxes	NE	NE	NE	NE
Investment Tax Credit Adjustments--Net	NE	NE	NE	NE
(Less) Investment Tax Credits	NE	-560,109	NE	19,327
Total Taxes Applicable to Other Income and Deductions	168,825	1,619,748	1,100,000	1,174,924
Net Other Income and Deductions	327,717	1,688,730	1,820,560	2,729,373
Interest Charges				
Interest on Long-Term Debt	NE	NE	5,049,250	29,470
Amortization of Debt Discount and Expense	NE	NE	16,630	NE
Amortization of Loss on Recquired Debt	NE	693	444	NE
(Less) Amortization of Premium on Debt	NE	NE	NE	NE
(Less) Amortization of Gain on Recquired Debt	NE	61,581	31,182	NE
Interest on Debt to Associated Companies	NE	NE	NE	4,833,377
Other Interest Expense	503,538	3,872,508	209,755	2,724,318
Allowance for Borrowed Funds Used During Construction Credit	NE	NE	57,731	337,738
Net Interest Charges	503,538	3,811,620	5,187,166	7,249,427
Income Before Extraordinary Items	1,984,561	937,386	19,635,228	22,535,021

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	NE	NE	NE	NE
Extraordinary Deductions	NE	NE	NE	NE
Net Extraordinary Items	NE	NE	NE	NE
Income Taxes--Federal and Other	NE	NE	NE	NE
Extraordinary Items After Taxes	NE	NE	NE	NE
Net Income	\$1,984,561	\$937,386	\$19,635,228	\$22,535,021
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$5,269,991	\$21,541,614	\$124,253,239	\$94,790,083
Balance Transferred from Income	1,984,561	937,386	19,635,228	22,535,021
Credits to Retained Earnings	NE	NE	NE	NE
Debits to Retained Earnings	NE	NE	NE	NE
Appropriations of Retained Earnings	NE	NE	NE	NE
Dividends Declared--Preferred Stock	NE	88,000	NE	NE
Dividends Declared--Common Stock	1,950,000	NE	14,875,000	21,229,014
Unappropriated, Undistributed Subsidiary Earnings	NE	NE	NE	NE
Unappropriated Retained Earnings--End of Year	5,304,552	22,391,000	129,013,467	96,096,090
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	5,304,552	22,391,000	129,013,467	96,096,090

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Gas Utility Operating Income				
Gas Operating Revenues	\$1,601,425,690	\$235,948,727	\$430,229,169	\$563,066,339
Gas Operating Expenses				
Operation Expense	1,709,822,998	13,695,184	430,451,873	430,806,005
Maintenance Expense	30,874,030	444,631	NE	16,993,166
Depreciation Expense	85,783,895	53,068,023	NE	54,326,033
Amortization and Depletion of Gas Plant	797,346	NE	NE	1,242,576
Amortization of Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	NE	NE	NE	785,124
Amortization of Gas Conversion Expenses	NE	NE	NE	NE
Taxes Other Than Income Taxes	21,635,777	21,646,229	NE	13,887,370
Income Taxes--Federal	47,960,139	17,212,132	2,350,000	15,329,861
Income Taxes--Other	7,370,300	2,195,075	308,400	2,010,000
Provision for Deferred Income Taxes	372,334,795	25,361,279	-2,543,400	-17,346,041
(Less) Provision for Deferred Income Taxes	542,915,245	6,379,912	NE	NE
Investment Tax Credit Adjustments--Net	NE	NE	NE	22,000
(Less) Gains from Disposition of Gas Utility Plant	NE	NE	NE	NE
Losses from Disposition of Gas Utility Plant	NE	NE	NE	NE
Total Gas Operating Expense	1,733,664,035	127,242,641	430,344,169	518,056,094
Net Gas Operating Revenues	-132,238,345	108,706,086	-115,000	45,010,245
Other Utility Operating Income	636,786	NE	-222,704	NE
Total Utility Operating Income	-131,601,559	108,706,086	-337,704	45,010,245
Other Income and Deductions				
Other Income				
Nonutility Operating Income	\$968,732	NE	NE	-\$845
Equity in Earnings of Subsidiary Companies	13,127,511	NE	NE	NE
Interest and Dividend Income	23,544,011	\$1,733,178	\$127,750	3,862,070
Allowance for Funds Used During Construction	NE	733,115	NE	-3,713
Miscellaneous Nonoperating Income	30,901,652	5,341	NE	6,295,580
Gain on Disposition of Property	NE	NE	NE	NE
Total Other Income	68,541,906	2,471,634	127,750	10,153,092
Other Income Deductions				
Loss on Disposition of Property	NE	NE	NE	2,688,218
Miscellaneous Amortization	NE	NE	NE	8,136
Miscellaneous Income Deductions	214,368	35,018	85,173	3,679,686
Total Other Income Deductions	214,368	35,018	85,173	6,376,040
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	2,584,845	NE	NE	NE
Income Taxes--Federal	8,665,000	175,620	6,668,613	1,454,000
Income Taxes--Other	885,000	34,397	-4,974	58,000
Provision for Deferred Income Taxes	1,923,200	196,163	-5,819,085	-146,000
(Less) Provision for Deferred Income Taxes	1,410,000	NE	NE	NE
Investment Tax Credit Adjustments--Net	NE	NE	NE	NE
(Less) Investment Tax Credits	61,200	NE	NE	NE
Total Taxes Applicable to Other Income and Deductions	12,586,845	406,180	844,554	1,366,000
Net Other Income and Deductions	55,740,693	2,030,436	-801,977	2,411,052
Interest Charges				
Interest on Long-Term Debt	NE	46,191,512	NE	31,932,442
Amortization of Debt Discount and Expense	NE	328,420	NE	211,626
Amortization of Loss on Reacquired Debt	NE	NE	NE	2,292,557
(Less) Amortization of Premium on Debt	NE	NE	NE	NE
(Less) Amortization of Gain on Reacquired Debt	NE	NE	NE	229,629
Interest on Debt to Associated Companies	31,014,025	NE	NE	263,579
Other Interest Expense	725,035	6,717,712	-750,437	7,159,098
Allowance for Borrowed Funds Used During Construction Credit	553,884	1,038	NE	172,431
Net Interest Charges	31,185,176	53,236,606	-750,437	41,457,242
Income Before Extraordinary Items	-107,046,042	57,499,916	-389,244	5,964,055

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	NE	NE	NE	NE
Extraordinary Deductions	NE	NE	NE	NE
Net Extraordinary Items	NE	NE	NE	NE
Income Taxes--Federal and Other	NE	NE	NE	NE
Extraordinary Items After Taxes	NE	NE	NE	NE
Net Income	-\$107,046,042	\$57,499,916	-\$389,244	\$5,964,055
Retained Earnings				
Unappropriated Retained Earnings--				
Beginning of Year	\$394,674,143	\$7,812,097	-\$7,722,387	\$174,427,499
Balance Transferred from Income	-120,173,552	57,499,916	-389,244	5,964,055
Credits to Retained Earnings	NE	NE	NE	NE
Debits to Retained Earnings	NE	NE	NE	NE
Appropriations of Retained Earnings	NE	NE	NE	2,711,160
Dividends Declared--Preferred Stock	3,463,978	56,885,562	NE	NE
Dividends Declared--Common Stock	NE	NE	NE	30,000,000
Unappropriated, Undistributed Subsidiary Earnings	NE	NE	NE	NE
Unappropriated Retained Earnings--End of Year	271,036,613	8,426,451	-8,111,631	147,680,394
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings--				
Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	271,036,613	8,426,451	-8,111,631	147,680,394

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Gas Utility Operating Income				
Gas Operating Revenues	\$9,978,882	\$793,401,483	\$597,144,445	\$216,529,009
Gas Operating Expenses				
Operation Expense	847,675	751,957,979	634,236,775	159,238,339
Maintenance Expense	45,069	5,976,354	28,537,438	5,463,070
Depreciation Expense	2,332,548	12,343,510	61,347,823	12,283,067
Amortization and Depletion of Gas Plant	NE	134,044	168,770	424,279
Amortization of Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Amortization of Gas Property Losses, Unrecovered				
Plant and Regulatory Study Cost	NE	NE	NE	NE
Amortization of Gas Conversion Expenses	NE	27,598	NE	NE
Taxes Other Than Income Taxes	179,495	3,740,826	18,425,555	2,694,271
Income Taxes--Federal	1,029,365	3,599,310	-20,084,895	-1,194,552
Income Taxes--Other	NE	1,238,676	-3,414,151	72,077
Provision for Deferred Income Taxes	-113,167	5,352,677	16,585,651	10,201,061
(Less) Provision for Deferred Income Taxes	-7,092	3,209,455	44,924,942	NE
Investment Tax Credit Adjustments--Net	NE	-6,534	-1,164,999	264,613
(Less) Gains from Disposition of Gas Utility Plant	NE	NE	NE	NE
Losses from Disposition of Gas Utility Plant	NE	NE	431,646	NE
Total Gas Operating Expense	4,328,077	781,154,986	690,144,671	189,446,225
Net Gas Operating Revenues	5,650,805	12,246,496	-93,000,226	27,082,784
Other Utility Operating Income	NE	NE	NE	NE
Total Utility Operating Income	5,650,805	12,246,496	-93,000,226	27,082,784
Other Income and Deductions				
Other Income				
Nonutility Operating Income	NE	\$77,407	-\$1,037,961	\$5,966
Equity in Earnings of Subsidiary Companies	NE	950,592	-79,454,579	1,807,927
Interest and Dividend Income	\$802,105	5,308,335	63,881,313	800,776
Allowance for Funds Used During Construction	NE	416,447	NE	108,839
Miscellaneous Nonoperating Income	NE	-86,070	43,480	NE
Gain on Disposition of Property	NE	NE	170,715	163,786
Total Other Income	802,105	6,666,711	-16,397,032	2,887,294
Other Income Deductions				
Loss on Disposition of Property	NE	NE	381,224	4,056
Miscellaneous Amortization	NE	NE	NE	26,042
Miscellaneous Income Deductions	NE	762,060	509,365	98,829
Total Other Income Deductions	NE	762,060	890,589	128,927
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	NE	NE	NE	NE
Income Taxes--Federal	272,716	1,502,196	-5,020,367	640,630
Income Taxes--Other	NE	316,130	-324,634	NE
Provision for Deferred Income Taxes	NE	1,550,244	1,202,862	4,446
(Less) Provision for Deferred Income Taxes	NE	NE	2,101	NE
Investment Tax Credit Adjustments--Net	NE	NE	NE	NE
(Less) Investment Tax Credits	NE	33,667	177,253	263,805
Total Taxes Applicable to Other Income and Deductions	272,716	3,334,903	-4,321,493	381,271
Net Other Income and Deductions	529,389	2,569,748	-12,966,128	2,377,096
Interest Charges				
Interest on Long-Term Debt	2,892,189	4,412,051	59,296,204	9,108,125
Amortization of Debt Discount and Expense	73,920	35,323	798,948	60,350
Amortization of Loss on Reacquired Debt	NE	NE	1,485,201	NE
(Less) Amortization of Premium on Debt	NE	NE	NE	NE
(Less) Amortization of Gain on Reacquired Debt	NE	200,499	762,703	NE
Interest on Debt to Associated Companies	NE	50,825	1,463,789	391,779
Other Interest Expense	969,485	1,059,937	13,890,987	490,451
Allowance for Borrowed Funds Used During				
Construction Credit	NE	60,229	2,878,346	51,012
Net Interest Charges	3,935,594	5,297,408	73,294,080	9,999,693
Income Before Extraordinary Items	2,244,600	9,518,836	-179,260,434	19,460,187

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Qwestar Pipeline Company
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	NE	NE	NE	NE
Extraordinary Deductions	NE	NE	NE	NE
Net Extraordinary Items	NE	NE	NE	NE
Income Taxes--Federal and Other	NE	NE	NE	NE
Extraordinary Items After Taxes	NE	NE	NE	NE
Net Income	\$2,244,600	\$9,518,836	-\$179,260,434	\$19,460,187
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$1,676,712	\$133,202,453	\$429,347,935	\$40,962,890
Balance Transferred from Income	2,244,600	8,568,244	-99,805,855	17,652,260
Credits to Retained Earnings	NE	NE	NE	58,551,000
Debits to Retained Earnings	NE	NE	NE	NE
Appropriations of Retained Earnings	2,039,827	NE	786,980	NE
Dividends Declared--Preferred Stock	NE	NE	NE	NE
Dividends Declared--Common Stock	NE	111,464,910	100,000,000	20,000,000
Unappropriated, Undistributed Subsidiary Earnings	NE	-13,607,986	42,842,175	645,300
Unappropriated Retained Earnings--End of Year	1,881,485	16,697,801	271,597,275	97,811,450
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	1,881,485	16,697,801	271,597,275	97,811,450

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Gas Utility Operating Income				
Gas Operating Revenues	\$51,908,017	\$781,757,835	\$32,156,454	\$1,593,427,696
Gas Operating Expenses				
Operation Expense	26,450,852	578,152,898	7,977,446	1,309,066,600
Maintenance Expense	2,978,916	10,570,141	1,373,427	32,897,970
Depreciation Expense	10,854,217	48,764,687	11,691,140	131,550,256
Amortization and Depletion of Gas Plant	NE	302,201	NE	581,974
Amortization of Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Amortization of Gas Property Losses, Unrecovered				
Plant and Regulatory Study Cost	NE	NE	NE	NE
Amortization of Gas Conversion Expenses	NE	NE	NE	NE
Taxes Other Than Income Taxes	146,517	12,786,000	373,415	39,217,347
Income Taxes--Federal	-20,625,157	31,734,032	3,189,828	-153,510,200
Income Taxes--Other	-1,392,285	3,852,304	35,000	-3,733,215
Provision for Deferred Income Taxes	34,133,614	70,983,000	-1,354,195	168,587,420
(Less) Provision for Deferred Income Taxes	10,197,973	81,059,000	NE	104,208,505
Investment Tax Credit Adjustments--Net	NE	-7,000	NE	-2,345,494
(Less) Gains from Disposition of Gas Utility Plant	NE	NE	NE	NE
Losses from Disposition of Gas Utility Plant	NE	NE	NE	NE
Total Gas Operating Expense	42,348,701	676,079,263	23,286,061	1,418,104,153
Net Gas Operating Revenues	9,559,316	105,678,572	8,870,393	175,323,543
Other Utility Operating Income	NE	NE	NE	-13,554
Total Utility Operating Income	9,559,316	105,678,572	8,870,393	175,309,989
Other Income and Deductions				
Other Income				
Nonutility Operating Income	NE	-\$226	NE	\$52,154,891
Equity in Earnings of Subsidiary Companies	NE	11,587,317	NE	1,085,093,122
Interest and Dividend Income	\$937,315	9,820,921	\$275,443	6,103,941
Allowance for Funds Used During Construction	27,507	1,115,934	4,222	-147
Miscellaneous Nonoperating Income	NE	4,026,253	NE	6,400,625
Gain on Disposition of Property	NE	3,456	NE	NE
Total Other Income	964,822	26,553,655	279,665	1,149,752,432
Other Income Deductions				
Loss on Disposition of Property	NE	1,204,144	NE	NE
Miscellaneous Amortization	NE	NE	NE	NE
Miscellaneous Income Deductions	NE	616,334	NE	620,642
Total Other Income Deductions	NE	1,820,478	NE	620,642
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	NE	97,307	NE	8,757,020
Income Taxes--Federal	318,688	3,358,000	93,650	-159,647,600
Income Taxes--Other	NE	1,008,000	NE	2,072,533
Provision for Deferred Income Taxes	NE	744,000	NE	7,095,323
(Less) Provision for Deferred Income Taxes	NE	618,000	NE	4,181,920
Investment Tax Credit Adjustments--Net	NE	NE	NE	NE
(Less) Investment Tax Credits	NE	71,200	2,000	-3,116,357
Total Taxes Applicable to Other Income and Deductions	318,688	4,518,107	91,650	-142,788,287
Net Other Income and Deductions	646,134	20,215,070	188,015	1,291,920,077
Interest Charges				
Interest on Long-Term Debt	NE	33,195,759	3,212,382	282,160,736
Amortization of Debt Discount and Expense	NE	385,820	NE	7,234,341
Amortization of Loss on Recquired Debt	NE	725,430	NE	1,002,272
(Less) Amortization of Premium on Debt	NE	NE	NE	47,572
(Less) Amortization of Gain on Recquired Debt	NE	428,273	NE	958,267
Interest on Debt to Associated Companies	3,327,753	278,950	NE	941,736
Other Interest Expense	1,196,193	13,112,489	NE	320,826,462
Allowance for Borrowed Funds Used During				
Construction Credit	11,743	756,124	3,064	3,006,450
Net Interest Charges	4,512,203	46,514,051	3,209,318	608,153,258
Income Before Extraordinary Items	5,693,247	79,379,591	5,849,090	859,076,808

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	NE	NE	NE	-\$50,781
Extraordinary Deductions	NE	NE	NE	7,052,352
Net Extraordinary Items	NE	NE	NE	-7,103,133
Income Taxes--Federal and Other	NE	NE	NE	-2,415,000
Extraordinary Items After Taxes	NE	NE	NE	-4,688,133
Net Income	\$5,693,247	\$79,379,591	\$5,849,090	854,388,675
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$36,572,633	\$438,951,745	\$604,822	\$1,866,308,775
Balance Transferred from Income	5,693,247	67,792,274	5,849,090	-230,704,447
Credits to Retained Earnings	NE	NE	NE	NE
Debits to Retained Earnings	NE	NE	NE	NE
Appropriations of Retained Earnings	NE	NE	NE	NE
Dividends Declared--Preferred Stock	NE	NE	NE	NE
Dividends Declared--Common Stock	-2,236,886	49,600,000	2,000,000	NE
Unappropriated, Undistributed Subsidiary Earnings	NE	7,523,000	NE	NE
Unappropriated Retained Earnings--End of Year	44,502,766	464,667,019	4,453,912	1,635,604,328
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	44,502,766	464,667,019	4,453,912	1,635,604,328

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Gas Utility Operating Income				
Gas Operating Revenues	\$2,054,952,939	\$816,137,815	\$30,537,472	\$83,144,098
Gas Operating Expenses				
Operation Expense	1,715,308,478	712,409,804	1,278,301	82,672,282
Maintenance Expense	40,407,994	14,760,954	265,756	NE
Depreciation Expense	100,871,673	28,560,077	13,425,045	NE
Amortization and Depletion of Gas Plant	809,692	654,398	NE	NE
Amortization of Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	NE	NE	NE	NE
Amortization of Gas Conversion Expenses	NE	NE	NE	NE
Taxes Other Than Income Taxes	26,583,683	12,039,903	2,747,281	190
Income Taxes--Federal	-36,437,000	50,458,461	2,188,910	184,045
Income Taxes--Other	-2,107,486	7,982,280	416,603	NE
Provision for Deferred Income Taxes	110,230,000	43,617,922	4,683,160	NE
(Less) Provision for Deferred Income Taxes	36,550,000	89,203,232	9,494,600	-22,321
Investment Tax Credit Adjustments--Net	24,000	NE	NE	NE
(Less) Gains from Disposition of Gas Utility Plant	NE	NE	NE	NE
Losses from Disposition of Gas Utility Plant	NE	NE	NE	NE
Total Gas Operating Expense	1,919,141,034	781,280,567	15,510,456	82,878,838
Net Gas Operating Revenues	135,811,905	34,857,248	15,027,016	265,260
Other Utility Operating Income	NE	NE	NE	NE
Total Utility Operating Income	135,811,905	34,857,248	15,027,016	265,260
Other Income and Deductions				
Other Income				
Nonutility Operating Income	\$230,875	NE	NE	NE
Equity in Earnings of Subsidiary Companies	10,548,551	\$2,888,848	NE	NE
Interest and Dividend Income	31,782,317	19,572,584	\$466,186	\$2,682,559
Allowance for Funds Used During Construction	11,538,356	1,718,513	NE	NE
Miscellaneous Nonoperating Income	222,301	-12,527	NE	NE
Gain on Disposition of Property	NE	152,280	NE	NE
Total Other Income	54,322,400	24,319,698	466,186	2,682,559
Other Income Deductions				
Loss on Disposition of Property	NE	NE	NE	NE
Miscellaneous Amortization	NE	NE	NE	NE
Miscellaneous Income Deductions	1,446,469	2,180,446	NE	NE
Total Other Income Deductions	1,446,469	2,180,446	NE	NE
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	62,731	28,487	NE	NE
Income Taxes--Federal	1,902,000	3,109,430	154,950	912,070
Income Taxes--Other	150	506,113	34,300	NE
Provision for Deferred Income Taxes	4,941,000	181,442	NE	NE
(Less) Provision for Deferred Income Taxes	2,764,000	298,074	NE	NE
Investment Tax Credit Adjustments--Net	NE	NE	NE	NE
(Less) Investment Tax Credits	NE	NE	NE	NE
Total Taxes Applicable to Other Income and Deductions	4,141,881	3,527,398	189,250	912,070
Net Other Income and Deductions	48,734,050	18,611,854	276,936	1,770,489
Interest Charges				
Interest on Long-Term Debt	62,606,581	19,086,145	12,112,000	NE
Amortization of Debt Discount and Expense	1,081,685	307,062	NE	NE
Amortization of Loss on Recquired Debt	4,255,175	1,592,928	198,012	NE
(Less) Amortization of Premium on Debt	NE	NE	NE	NE
(Less) Amortization of Gain on Recquired Debt	1,443,026	255,180	NE	NE
Interest on Debt to Associated Companies	NE	1,585,442	NE	NE
Other Interest Expense	46,042,942	303,645	6,717,510	NE
Allowance for Borrowed Funds Used During Construction Credit	4,945,009	507,845	NE	NE
Net Interest Charges	107,598,348	22,112,197	19,027,522	NE
Income Before Extraordinary Items	76,947,607	31,356,905	-3,723,570	2,035,749

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	NE	NE	NE	NE
Extraordinary Deductions	\$15,000,000	NE	NE	NE
Net Extraordinary Items	-15,000,000	NE	NE	NE
Income Taxes--Federal and Other	NE	NE	NE	NE
Extraordinary Items After Taxes	-15,000,000	NE	NE	NE
Net Income	61,947,607	\$31,356,905	-\$3,723,570	\$2,035,749
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$1,047,721,122	\$284,718,950	\$3,426,553	NE
Balance Transferred from Income	51,399,056	28,468,057	-3,723,570	\$2,035,749
Credits to Retained Earnings	NE	NE	NE	NE
Debits to Retained Earnings	4,381,870	30,505	NE	NE
Appropriations of Retained Earnings	NE	NE	NE	NE
Dividends Declared--Preferred Stock	2,558,289	412,500	NE	NE
Dividends Declared--Common Stock	1,138,376,625	37,000,000	-4,769,100	NE
Unappropriated, Undistributed Subsidiary Earnings	361,796,682	2,000,000	NE	NE
Unappropriated Retained Earnings--End of Year	315,600,076	277,744,002	4,472,083	2,035,749
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	315,600,076	277,744,002	4,472,083	2,035,749

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Transcontinental Gas Pipe Line Corporation	Trans- western Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Gas Utility Operating Income				
Gas Operating Revenues	\$1,225,573,474	\$391,473,537	\$628,491,007	\$6,214,228
Gas Operating Expenses				
Operation Expense	970,178,879	293,091,123	699,255,427	1,871,261
Maintenance Expense	42,725,781	13,260,446	9,559,228	250,856
Depreciation Expense	123,181,057	28,145,345	43,061,751	2,300,719
Amortization and Depletion of Gas Plant	344,000	663,165	109,239	5,395
Amortization of Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	NE	NE	NE	NE
Amortization of Gas Conversion Expenses	NE	NE	NE	NE
Taxes Other Than Income Taxes	29,650,122	5,786,486	9,856,746	207,965
Income Taxes--Federal	25,213,328	7,260,198	41,486,678	-143,820
Income Taxes--Other	5,365,653	1,040,530	5,856,615	-21,311
Provision for Deferred Income Taxes	100,181,040	18,289,600	18,912,124	511,831
(Less) Provision for Deferred Income Taxes	161,957,028	15,338,000	119,922,556	355,646
Investment Tax Credit Adjustments--Net	52,558	-2,598	-155,002	NE
(Less) Gains from Disposition of Gas Utility Plant	NE	NE	NE	NE
Losses from Disposition of Gas Utility Plant	NE	NE	NE	NE
Total Gas Operating Expense	1,134,935,390	352,196,295	707,739,250	4,627,250
Net Gas Operating Revenues	90,638,084	39,277,242	-79,248,243	1,586,978
Other Utility Operating Income	-2,237	NE	NE	NE
Total Utility Operating Income	90,635,847	39,277,242	-79,248,243	1,586,978
Other Income and Deductions				
Other Income				
Nonutility Operating Income	NE	\$40	-\$222,786	NE
Equity in Earnings of Subsidiary Companies	NE	NE	2,886,702	NE
Interest and Dividend Income	\$72,371,802	-1,117,533	3,785,689	\$162,130
Allowance for Funds Used During Construction	NE	24,594	NE	367
Miscellaneous Nonoperating Income	458,797	7,479	111,947	NE
Gain on Disposition of Property	81,044	NE	525,539	NE
Total Other Income	72,911,643	-1,085,420	7,087,091	162,497
Other Income Deductions				
Loss on Disposition of Property	NE	NE	NE	NE
Miscellaneous Amortization	796,939	NE	NE	NE
Miscellaneous Income Deductions	31,938,739	2,375,836	113,622	NE
Total Other Income Deductions	32,735,678	2,375,836	113,622	NE
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	NE	NE	NE	55,124
Income Taxes--Federal	24,625,989	-136,000	1,029,714	NE
Income Taxes--Other	NE	-21,000	422,919	NE
Provision for Deferred Income Taxes	NE	NE	NE	NE
(Less) Provision for Deferred Income Taxes	NE	NE	NE	NE
Investment Tax Credit Adjustments--Net	NE	NE	NE	NE
(Less) Investment Tax Credits	23,997	4,902	-46,586	NE
Total Taxes Applicable to Other Income and Deductions	24,601,992	-161,902	1,499,219	55,124
Net Other Income and Deductions	15,573,973	-3,299,354	5,474,250	107,373
Interest Charges				
Interest on Long-Term Debt	80,704,191	11,962,500	24,326	495,626
Amortization of Debt Discount and Expense	1,635,006	82,543	NE	22,413
Amortization of Loss on Recquired Debt	5,711,856	NE	120,399	NE
(Less) Amortization of Premium on Debt	230,929	NE	NE	NE
(Less) Amortization of Gain on Recquired Debt	2,313,100	NE	337,115	NE
Interest on Debt to Associated Companies	NE	NE	20,344,449	NE
Other Interest Expense	30,653,132	976,695	202,553	99,567
Allowance for Borrowed Funds Used During Construction Credit	6,757,923	16,972	399,969	143
Net Interest Charges	109,402,233	13,004,766	19,954,643	617,463
Income Before Extraordinary Items	-3,192,413	22,973,122	-93,728,636	1,076,888

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	Transconti- nental Gas Pipe Line Corporation	Trans- western Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	NE	NE	NE	NE
Extraordinary Deductions	NE	NE	NE	NE
Net Extraordinary Items	NE	NE	NE	NE
Income Taxes--Federal and Other	NE	NE	NE	NE
Extraordinary Items After Taxes	NE	NE	NE	NE
Net Income	-\$3,192,413	\$22,973,122	-\$93,728,636	\$1,076,888
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	\$651,727,449	\$83,005,746	\$286,457,295	\$8,963,212
Balance Transferred from Income	-3,192,413	22,973,122	-96,615,338	1,076,888
Credits to Retained Earnings	NE	NE	NE	156,186
Debits to Retained Earnings	NE	NE	NE	1,336,772
Appropriations of Retained Earnings	NE	NE	NE	NE
Dividends Declared--Preferred Stock	14,539,509	NE	915,773	NE
Dividends Declared--Common Stock	150,000,000	NE	20,330,000	NE
Unappropriated, Undistributed Subsidiary Earnings	NE	NE	NE	NE
Unappropriated Retained Earnings--End of Year	483,995,527	105,978,868	168,596,184	8,859,514
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	483,995,527	105,978,868	168,596,184	8,859,514

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Gas Utility Operating Income				
Gas Operating Revenues	\$713,816,881	\$502,912,175	\$119,721,562	\$23,196,232
Gas Operating Expenses				
Operation Expense	549,129,982	411,973,624	84,905,929	2,083,167
Maintenance Expense	10,916,857	9,882,105	4,803,656	141,142
Depreciation Expense	32,808,392	20,894,565	5,465,553	8,802,810
Amortization and Depletion of Gas Plant	39,502	782,433	22,548	30,552
Amortization of Gas Plant Acquisition Adjustments	NE	NE	10,702	NE
Amortization of Gas Property Losses, Unrecovered Plant and Regulatory Study Cost	NE	NE	NE	NE
Amortization of Gas Conversion Expenses	NE	NE	NE	NE
Taxes Other Than Income Taxes	13,107,160	10,233,787	3,378,826	620,803
Income Taxes--Federal	-69,796,834	-5,906,859	6,525,189	1,509,010
Income Taxes--Other	5,708,724	-1,633,854	1,010,665	22,000
Provision for Deferred Income Taxes	188,203,329	32,780,455	12,521,801	2,708,000
(Less) Provision for Deferred Income Taxes	91,827,911	14,798,437	15,353,643	3,234,000
Investment Tax Credit Adjustments--Net	NE	-60,522	-714	NE
(Less) Gains from Disposition of Gas Utility Plant	NE	NE	NE	NE
Losses from Disposition of Gas Utility Plant	NE	NE	NE	NE
Total Gas Operating Expense	638,289,201	464,147,297	103,280,360	12,683,484
Net Gas Operating Revenues	75,527,680	38,764,878	16,441,202	10,512,748
Other Utility Operating Income	NE	NE	27,818	NE
Total Utility Operating Income	75,527,680	38,764,878	16,469,020	10,512,748
Other Income and Deductions				
Other Income				
Nonutility Operating Income	\$89,178	\$293,641	NE	NE
Equity in Earnings of Subsidiary Companies	14,785,525	NE	NE	NE
Interest and Dividend Income	19,249,052	15,782,729	\$3,285,652	\$1,014,132
Allowance for Funds Used During Construction	-7	685,037	2,013	NE
Miscellaneous Nonoperating Income	133,226	7,729	NE	NE
Gain on Disposition of Property	NE	42,768	NE	1,170
Total Other Income	34,256,974	16,811,904	3,287,665	1,015,302
Other Income Deductions				
Loss on Disposition of Property	NE	2,223	NE	NE
Miscellaneous Amortization	31,283	NE	NE	NE
Miscellaneous Income Deductions	407,598	89,799	208,805	NE
Total Other Income Deductions	438,881	92,022	208,805	NE
Taxes Applicable to Other Income and Deductions				
Taxes Other Than Income Taxes	NE	960	-719	NE
Income Taxes--Federal	6,377,847	5,154,242	27,403	62,990
Income Taxes--Other	796,975	875,182	197,007	NE
Provision for Deferred Income Taxes	NE	NE	82,680	NE
(Less) Provision for Deferred Income Taxes	NE	NE	618	NE
Investment Tax Credit Adjustments--Net	NE	NE	NE	NE
(Less) Investment Tax Credits	12,264	-24,719	519,925	NE
Total Taxes Applicable to Other Income and Deductions	7,162,558	6,055,103	-214,172	62,990
Net Other Income and Deductions	26,655,535	10,664,779	3,293,032	952,312
Interest Charges				
Interest on Long-Term Debt	27,844,304	15,870,642	NE	7,106,317
Amortization of Debt Discount and Expense	1,143,210	151,771	NE	107,924
Amortization of Loss on Recquired Debt	NE	738,746	NE	NE
(Less) Amortization of Premium on Debt	NE	435,336	NE	NE
(Less) Amortization of Gain on Recquired Debt	NE	NE	NE	NE
Interest on Debt to Associated Companies	178,806	NE	7,746,700	NE
Other Interest Expense	28,484,008	803,626	2,775,966	2,582,224
Allowance for Borrowed Funds Used During Construction Credit	965,494	380,341	1,641	NE
Net Interest Charges	56,684,834	16,749,108	10,521,025	9,796,465
Income Before Extraordinary Items	45,498,381	32,680,549	9,241,027	1,668,595

See footnotes at end of table.

**Table 23. Statement of Income and Retained Earnings as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Other Income and Deductions				
Extraordinary Items				
Extraordinary Income	NE	NE	NE	NE
Extraordinary Deductions	NE	NE	\$8,485,474	NE
Net Extraordinary Items	NE	NE	-8,485,474	NE
Income Taxes--Federal and Other	NE	NE	-3,181,680	NE
Extraordinary Items After Taxes	NE	NE	-5,303,794	NE
Net Income	\$45,498,381	\$32,680,549	3,937,233	\$1,668,595
Retained Earnings				
Unappropriated Retained Earnings-- Beginning of Year	-\$225,486,571	\$152,290,998	\$2,337,642	\$517,595
Balance Transferred from Income	30,712,856	32,680,549	3,937,233	1,668,595
Credits to Retained Earnings	43,398,770	NE	NE	NE
Debits to Retained Earnings	NE	NE	NE	NE
Appropriations of Retained Earnings	NE	NE	NE	NE
Dividends Declared--Preferred Stock	NE	1,278,072	1,617,000	NE
Dividends Declared--Common Stock	49,418,541	18,718,000	NE	1,540,000
Unappropriated, Undistributed Subsidiary Earnings	15,454,180	NE	NE	NE
Unappropriated Retained Earnings--End of Year	-185,339,306	164,975,475	4,657,875	646,190
Appropriated Retained Earnings	NE	NE	NE	NE
Appropriated Retained Earnings-- Amortization Reserve, Federal	NE	NE	NE	NE
Total Retained Earnings	-185,339,306	164,975,475	4,657,875	646,190

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 24. Statement of Cash Flows as of December 31, 1988

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla Inc.
Cash Flows from Operating Activities:				
Net Income	\$1,415,238,770	\$16,264,188	\$165,116,506	\$104,224,000
Noncash Charges (credits) to Income:				
Depreciation and Depletion	1,567,344,942	10,473,091	127,633,396	71,199,744
Amortization	171,512,803	NE	682,953	NE
Deferred Income Taxes (net)	-335,911,305	-6,557,490	-58,057,050	34,063,040
Investment Tax Credit Adjustments (net)	-11,732,023	NE	-7,298,075	1,236,280
Net (Increase) Decrease in Receivables	-1,738,751,156	-25,854,675	18,274,946	-78,080,846
Net (Increase) Decrease in Inventory	-42,146,555	28,315	40,155,917	-30,307,639
Net Increase (Decrease) in Payables and Accrued Expenses	6,730,135,848	6,323,755	550,795	163,796,162
(Less) Allowance for Other Funds Used During Construction	19,385,873	NE	631,092	NE
(Less) Undistributed Earnings from Subsidiary Companies	1,162,941,417	NE	3,400,624	36,247,328
Other Noncash Charges to Income	582,568,394	39,567,298	186,923,109	76,231,980
Net Cash Provided by (used in) Operating Activities	6,943,878,793	40,244,482	469,950,781	306,115,393
Cash Flows from Investment Activities:				
Construction and Acquisition of Plant:				
Gross Additions to Utility Plant	-1,732,673,109	-22,741,032	-37,928,788	-465,884,078
Gross Additions to Nuclear Fuel	-24,316,164	NE	NE	NE
Gross Additions to Common Utility Plant	-63,956,092	NE	NE	NE
Gross Additions to Nonutility Plant	-35,068,969	NE	NE	5,645,701
(Less) Allowance for Other Funds Used During Construction	-17,391,211	NE	-631,092	NE
Other	-3,806,798	-250,963	NE	NE
Cash Outflows for Plant	-1,842,429,921	-22,991,995	-37,297,696	-460,238,377
Acquisition of Other Noncurrent Assets	-65,361,934	NE	NE	-34,681,505
Proceeds from Disposal of Noncurrent Assets	25,737,305	NE	3,804,238	NE
Investments in and Advances to Associated and Subsidiary Companies	-5,991,958,752	1,344,816	-237,464	-15,712,380
Contributions and Advances from Associated and Subsidiary Companies	569,937,389	NE	3,213,384	68,921,600
Disposition of Investments in (and Advances to)				
Associated and Subsidiary Companies	1,514,926,774	NE	NE	NE
Purchase of Investment Securities	-151,181,691	NE	NE	NE
Proceeds from Sales of Investment Securities	353,124,424	NE	NE	NE
Loans Made or Purchased	-166,360,000	NE	NE	NE
Collections on Loans	211,151,748	NE	NE	NE
Net (Increase) Decrease in Receivables	-118,414,354	NE	NE	-103,947,818
Net (Increase) Decrease in Inventory	NE	NE	NE	NE
Net Increase (Decrease) in Payables and Accrued Expenses	33,396,021	NE	NE	-6,600,000
Other	-224,563,086	NE	-230,740,708	NE
Net Cash Provided by (Used in) Investing Activities	-5,851,996,077	-21,647,179	-261,258,246	-552,258,480
Cash Flows from Financing Activities:				
Proceeds from Issuance of:				
Long-Term Debt	2,821,914,348	NE	NE	455,414,347
Preferred Stock	239,999,999	NE	NE	NE
Common Stock	64,832,687	NE	NE	64,614,557
Other	-91,739,150	NE	NE	NE
Net Increase in Short-Term Debt	527,088,324	NE	NE	NE
Other	236,844,311	NE	NE	NE
Cash Provided by Outside Sources	3,798,940,519	NE	NE	520,028,904
Payments for the Retirement of:				
Long-Term Debt	-2,787,068,861	-5,700,000	-84,419,284	NE
Preferred Stock	-247,204,213	NE	-33,303,714	-951
Common Stock	-19,933,284	NE	NE	NE
Other	-124,534,618	NE	NE	NE
Net Decrease in Short-Term Debt	-822,608,022	NE	NE	-170,962,830
Dividends on Preferred Stock	-99,311,857	NE	-11,205,105	-7,800,000
Dividends on Common Stock	-1,376,071,328	-13,295,985	-78,800,000	-91,151,620
Net Cash Provided by (Used in) Financing Activities	-1,677,860,158	-18,995,985	-207,728,103	250,113,503
Net Increase (Decrease) in Cash and Cash Equivalents	-585,977,442	-398,682	964,432	3,970,416
Cash and Cash Equivalents at Beginning of Year	1,187,617,832	766,564	1,395,454	6,641,209
Cash and Cash Equivalents at End of Year	601,640,390	367,882	2,359,886	10,611,625

See footnotes at end of table.

Table 24. Statement of Cash Flows as of December 31, 1988
(Continued)

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Cash Flows from Operating Activities:				
Net Income	\$61,557,790	\$67,125,784	-\$146,407,693	\$12,592,951
Noncash Charges (credits) to Income:				
Depreciation and Depletion	47,845,421	8,537,760	55,384,247	40,810,783
Amortization	1,735,331	503,588	26,925,053	592,081
Deferred Income Taxes (net)	-17,609,721	26,232,000	-136,146,438	-7,822,413
Investment Tax Credit Adjustments (net)	-460,000	-251,000	327,659	NE
Net (Increase) Decrease in Receivables	-47,311,405	10,777,032	52,173,254	4,407,135
Net (Increase) Decrease in Inventory	43,005,049	1,367,615	-63,425,652	NE
Net Increase (Decrease) in Payables and Accrued Expenses	6,962,677	-42,714,273	9,565,848	-7,020,356
(Less) Allowance for Other Funds Used During Construction	NE	230,891	627,537	NE
(Less) Undistributed Earnings from Subsidiary Companies	NE	664,971	NE	-2,101,544
Other Noncash Charges to Income	22,370,414	-46,896,960	433,827,380	-8,039,968
Net Cash Provided by (used in) Operating Activities	118,095,556	23,785,684	231,596,121	37,621,757
Cash Flows from Investment Activities:				
Construction and Acquisition of Plant:				
Gross Additions to Utility Plant	-79,865,395	-18,389,508	-48,969,442	NE
Gross Additions to Nuclear Fuel	NE	NE	NE	NE
Gross Additions to Common Utility Plant	NE	NE	NE	-27,591,490
Gross Additions to Nonutility Plant	-6,885	NE	-1,759,064	NE
(Less) Allowance for Other Funds Used During Construction	709,747	-230,891	-627,537	NE
Other	NE	NE	2,147,691	NE
Cash Outflows for Plant	-80,582,027	-18,158,617	-47,953,278	-27,591,490
Acquisition of Other Noncurrent Assets	NE	NE	NE	NE
Proceeds from Disposal of Noncurrent Assets	-127,593	825,903	NE	NE
Investments in and Advances to Associated and Subsidiary Companies	NE	NE	NE	NE
Contributions and Advances from Associated and Subsidiary Companies	NE	NE	NE	7,169,400
Disposition of Investments in (and Advances to)				
Associated and Subsidiary Companies	-1,426,835	34,307,899	NE	NE
Purchase of Investment Securities	NE	NE	NE	NE
Proceeds from Sales of Investment Securities	NE	NE	NE	NE
Loans Made or Purchased	NE	NE	NE	NE
Collections on Loans	NE	111,748	NE	NE
Net (Increase) Decrease in Receivables	NE	NE	NE	NE
Net (Increase) Decrease in Inventory	NE	NE	NE	NE
Net Increase (Decrease) in Payables and Accrued Expenses	NE	NE	NE	NE
Other	NE	21,010	NE	NE
Net Cash Provided by (Used in) Investing Activities	-82,136,455	17,107,943	-47,953,278	-20,422,090
Cash Flows from Financing Activities:				
Proceeds from Issuance of:				
Long-Term Debt	15,000,000	NE	NE	NE
Preferred Stock	NE	NE	239,999,999	NE
Common Stock	NE	NE	NE	NE
Other	NE	NE	NE	NE
Net Increase in Short-Term Debt	NE	NE	NE	NE
Other	13,820,000	NE	NE	NE
Cash Provided by Outside Sources	28,820,000	NE	239,999,999	NE
Payments for the Retirement of:				
Long-Term Debt	-18,637,000	-15,773,500	-123,545,922	-11,375,601
Preferred Stock	NE	-1,994,900	NE	NE
Common Stock	NE	NE	NE	NE
Other	NE	153,679	-6,581,555	NE
Net Decrease in Short-Term Debt	NE	NE	-267,648,975	106,362
Dividends on Preferred Stock	NE	-358,185	NE	NE
Dividends on Common Stock	-46,017,180	-36,400,000	-25,833,277	-14,645,980
Net Cash Provided by (Used in) Financing Activities	-35,834,180	-54,372,906	-183,609,730	-25,915,219
Net Increase (Decrease) in Cash and Cash Equivalents	124,921	-13,479,279	33,113	-8,715,552
Cash and Cash Equivalents at Beginning of Year	1,033,338	-17,472,767	510,314	79,904,471
Cash and Cash Equivalents at End of Year	1,158,259	-30,952,046	543,427	71,188,919

See footnotes at end of table.

**Table 24. Statement of Cash Flows as of December 31, 1988
(Continued)**

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Cash Flows from Operating Activities:				
Net Income	\$4,250,085	\$9,399,086	\$108,969,082	\$131,611
Noncash Charges (credits) to Income:				
Depreciation and Depletion	3,403,714	65,837,585	85,715,573	16,897,356
Amortization	15,378	2,948,986	54,784,677	-413,235
Deferred Income Taxes (net)	530,400	933,868	48,700,124	-7,229,600
Investment Tax Credit Adjustments (net)	-14,500	217,000	NE	-13,600
Net (Increase) Decrease in Receivables	-1,188,042	87,942,673	-161,933,885	-16,114,309
Net (Increase) Decrease in Inventory	498,945	-12,614,823	-3,525,528	542,236
Net Increase (Decrease) in Payables and Accrued Expenses	-7,908,713	-102,040,025	53,424,867	-30,283,251
(Less) Allowance for Other Funds Used During Construction	103,201	17,669	NE	NE
(Less) Undistributed Earnings from Subsidiary Companies	NE	48,570,066	79,769,015	NE
Other Noncash Charges to Income	14,726,563	-234,169,767	5,585,394	10,677,517
Net Cash Provided by (used in) Operating Activities	14,210,629	-230,133,152	-102,432,711	-24,441,689
Cash Flows from Investment Activities:				
Construction and Acquisition of Plant:				
Gross Additions to Utility Plant	-8,921,743	-78,988,741	-30,924,339	-22,060,114
Gross Additions to Nuclear Fuel	NE	NE	NE	NE
Gross Additions to Common Utility Plant	NE	NE	NE	NE
Gross Additions to Nonutility Plant	NE	-676,917	-20,949,399	NE
(Less) Allowance for Other Funds Used During Construction	-103,201	770,353	NE	NE
Other	NE	-3,961,808	NE	NE
Cash Outflows for Plant	-8,818,542	-84,397,819	-51,873,738	-22,060,114
Acquisition of Other Noncurrent Assets	NE	NE	-30,000,000	NE
Proceeds from Disposal of Noncurrent Assets	-150,917	1,922,964	11,417,000	NE
Investments in and Advances to Associated and Subsidiary Companies	-12,397,968	NE	-278,649,618	NE
Contributions and Advances from Associated and Subsidiary Companies	11,559,000	69,053,233	NE	NE
Disposition of Investments in (and Advances to) Associated and Subsidiary Companies	NE	NE	104,852,039	NE
Purchase of Investment Securities	NE	NE	-150,023,116	NE
Proceeds from Sales of Investment Securities	NE	NE	353,139,280	NE
Loans Made or Purchased	NE	NE	NE	NE
Collections on Loans	NE	NE	NE	NE
Net (Increase) Decrease in Receivables	NE	NE	-850,374	NE
Net (Increase) Decrease in Inventory	NE	NE	NE	NE
Net Increase (Decrease) in Payables and Accrued Expenses	NE	NE	300,000	NE
Other	NE	NE	-139,546,000	NE
Net Cash Provided by (Used in) Investing Activities	-9,808,427	-13,421,622	-181,234,527	-22,060,114
Cash Flows from Financing Activities:				
Proceeds from Issuance of:				
Long-Term Debt	NE	NE	625,000,001	20,000,000
Preferred Stock	NE	NE	NE	NE
Common Stock	NE	NE	NE	NE
Other	NE	NE	15,000,000	NE
Net Increase in Short-Term Debt	NE	157,327,322	NE	38,700,000
Other	NE	NE	222,973,277	NE
Cash Provided by Outside Sources	NE	157,327,322	862,973,278	58,700,000
Payments for the Retirement of:				
Long-Term Debt	-3,150,000	-127,985,258	-695,590,802	-9,330,000
Preferred Stock	NE	-4,150,000	-2,436,664	NE
Common Stock	NE	NE	-13,829,103	NE
Other	NE	NE	NE	NE
Net Decrease in Short-Term Debt	NE	NE	-76,567,617	NE
Dividends on Preferred Stock	NE	-2,452,588	-35,953,347	NE
Dividends on Common Stock	NE	-248,758	-117,526,707	NE
Net Cash Provided by (Used in) Financing Activities	-3,150,000	22,490,718	-78,930,962	49,370,000
Net Increase (Decrease) in Cash and Cash Equivalents	1,252,202	-221,064,056	-362,598,200	2,868,197
Cash and Cash Equivalents at Beginning of Year	38,455	215,391,880	398,855,078	-9,228,778
Cash and Cash Equivalents at End of Year	1,290,657	-5,672,176	36,256,878	-6,360,581

See footnotes at end of table.

Table 24. Statement of Cash Flows as of December 31, 1988
(Continued)

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Cash Flows from Operating Activities:				
Net Income	\$32,305,797	\$13,828,572	\$15,549,576	\$49,406,352
Noncash Charges (credits) to Income:				
Depreciation and Depletion	16,493,499	16,056,223	13,957,952	64,638,083
Amortization	84,431	NE	380,439	NE
Deferred Income Taxes (net)	7,290,625	3,345,640	-2,849,597	-27,934,847
Investment Tax Credit Adjustments (net)	NE	NE	-29,808	-1,822,261
Net (Increase) Decrease in Receivables	6,509,236	3,847,976	1,098,494	-15,373,126
Net (Increase) Decrease in Inventory	-202,783	NE	315,487	742,324
Net Increase (Decrease) in Payables and Accrued Expenses	-11,311,440	118,484	-8,196,648	70,700,428
(Less) Allowance for Other Funds Used During Construction	NE	NE	7,647	224,105
(Less) Undistributed Earnings from Subsidiary Companies	NE	NE	-9,669,523	-1,718,457
Other Noncash Charges to Income	-5,328,153	-17,985,460	-3,083,829	23,364,105
Net Cash Provided by (used in) Operating Activities	46,363,033	19,211,435	26,803,942	165,660,368
Cash Flows from Investment Activities:				
Construction and Acquisition of Plant:				
Gross Additions to Utility Plant	-11,602,288	-274,380	-21,274,326	-71,673,598
Gross Additions to Nuclear Fuel	NE	NE	NE	NE
Gross Additions to Common Utility Plant	NE	NE	NE	NE
Gross Additions to Nonutility Plant	NE	NE	NE	NE
(Less) Allowance for Other Funds Used During Construction	NE	NE	-7,647	-224,105
Other	NE	NE	489,120	4,266,154
Cash Outflows for Plant	-11,602,288	-274,380	-20,777,559	-67,183,339
Acquisition of Other Noncurrent Assets	NE	NE	NE	NE
Proceeds from Disposal of Noncurrent Assets	NE	NE	NE	NE
Investments in and Advances to Associated and Subsidiary Companies	NE	NE	4,263,374	-13,104,096
Contributions and Advances from Associated and Subsidiary Companies	NE	NE	14,207,979	NE
Disposition of Investments in (and Advances to)				
Associated and Subsidiary Companies	NE	NE	6,438,023	NE
Purchase of Investment Securities	NE	NE	-158,062	-1,000,513
Proceeds from Sales of Investment Securities	NE	NE	NE	NE
Loans Made or Purchased	NE	NE	NE	NE
Collections on Loans	NE	NE	NE	NE
Net (Increase) Decrease in Receivables	NE	NE	NE	-15,349,289
Net (Increase) Decrease in Inventory	NE	NE	NE	NE
Net Increase (Decrease) in Payables and Accrued Expenses	NE	NE	NE	-7,241,494
Other	NE	NE	NE	NE
Net Cash Provided by (Used in) Investing Activities	-11,602,288	-274,380	3,973,755	-103,878,731
Cash Flows from Financing Activities:				
Proceeds from Issuance of:				
Long-Term Debt	NE	NE	35,000,000	NE
Preferred Stock	NE	NE	NE	NE
Common Stock	NE	NE	218,130	NE
Other	NE	NE	NE	NE
Net Increase in Short-Term Debt	15,200,000	NE	NE	NE
Other	NE	NE	NE	NE
Cash Provided by Outside Sources	15,200,000	NE	35,218,130	NE
Payments for the Retirement of:				
Long-Term Debt	-11,720,000	-12,000,000	-8,676,000	-26,292,000
Preferred Stock	NE	NE	-1,571,400	-1,500,000
Common Stock	NE	NE	NE	NE
Other	NE	NE	-366,667	-6,093,960
Net Decrease in Short-Term Debt	NE	NE	-41,685,000	35,827
Dividends on Preferred Stock	NE	NE	-1,873,869	-1,690,432
Dividends on Common Stock	-50,000,000	-25,000,000	-9,089,394	-38,021,616
Net Cash Provided by (Used in) Financing Activities	-46,520,000	-37,000,000	-28,044,200	-73,630,675
Net Increase (Decrease) in Cash and Cash Equivalents	-11,759,255	-18,062,945	2,733,497	-11,849,038
Cash and Cash Equivalents at Beginning of Year	12,417,757	20,836,931	1,474,680	13,641,868
Cash and Cash Equivalents at End of Year	658,502	2,773,986	4,208,177	1,792,830

See footnotes at end of table.

**Table 24. Statement of Cash Flows as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Cash Flows from Operating Activities:				
Net Income	\$1,984,561	\$937,386	\$19,635,228	\$22,535,021
Noncash Charges (credits) to Income:				
Depreciation and Depletion	816,433	3,385,179	14,148,407	10,306,367
Amortization	NE	-19,610	233,761	138,753
Deferred Income Taxes (net)	311,128	4,152,530	10,219,000	-8,215,005
Investment Tax Credit Adjustments (net)	NE	416,509	NE	-19,385
Net (Increase) Decrease in Receivables	-7,578,114	-3,371,012	-6,692,545	-21,685,575
Net (Increase) Decrease in Inventory	77,698	-48,470	-416,556	-4,303,016
Net Increase (Decrease) in Payables and Accrued Expenses	7,740,708	25,038,486	14,281,226	28,231,322
(Less) Allowance for Other Funds Used During Construction	NE	316,554	254,139	607,092
(Less) Undistributed Earnings from Subsidiary Companies	NE	NE	NE	NE
Other Noncash Charges to Income	109,260	-3,375,079	-17,593,160	-5,899,448
Net Cash Provided by (used in) Operating Activities	3,461,674	26,799,365	33,561,222	20,481,942
Cash Flows from Investment Activities:				
Construction and Acquisition of Plant:				
Gross Additions to Utility Plant	-568,865	-3,009,309	-16,430,145	-29,735,007
Gross Additions to Nuclear Fuel	NE	NE	NE	NE
Gross Additions to Common Utility Plant	NE	NE	NE	NE
Gross Additions to Nonutility Plant	NE	NE	NE	NE
(Less) Allowance for Other Funds Used During Construction	NE	-316,554	-254,139	-607,092
Other	NE	NE	843,600	NE
Cash Outflows for Plant	-568,865	-2,692,755	-15,332,406	-29,127,915
Acquisition of Other Noncurrent Assets	NE	NE	NE	-71,790
Proceeds from Disposal of Noncurrent Assets	NE	2,310,110	NE	40
Investments in and Advances to Associated and Subsidiary Companies	NE	-25,700,430	NE	-22,361,434
Contributions and Advances from Associated and Subsidiary Companies	NE	NE	NE	49,101,500
Disposition of Investments in (and Advances to) Associated and Subsidiary Companies	NE	NE	NE	NE
Purchase of Investment Securities	NE	NE	NE	NE
Proceeds from Sales of Investment Securities	NE	NE	NE	NE
Loans Made or Purchased	NE	NE	NE	NE
Collections on Loans	NE	NE	NE	NE
Net (Increase) Decrease in Receivables	NE	NE	NE	NE
Net (Increase) Decrease in Inventory	NE	NE	NE	NE
Net Increase (Decrease) in Payables and Accrued Expenses	NE	NE	NE	NE
Other	NE	NE	65,179	NE
Net Cash Provided by (Used in) Investing Activities	-568,865	-26,083,075	-15,267,227	-2,459,599
Cash Flows from Financing Activities:				
Proceeds from Issuance of:				
Long-Term Debt	NE	NE	-900,000	NE
Preferred Stock	NE	NE	NE	NE
Common Stock	NE	NE	NE	NE
Other	NE	NE	NE	NE
Net Increase in Short-Term Debt	NE	NE	NE	NE
Other	NE	NE	NE	NE
Cash Provided by Outside Sources	NE	NE	-900,000	NE
Payments for the Retirement of:				
Long-Term Debt	NE	NE	NE	-77,713
Preferred Stock	NE	-400,000	NE	NE
Common Stock	NE	NE	NE	NE
Other	NE	NE	NE	NE
Net Decrease in Short-Term Debt	NE	NE	NE	NE
Dividends on Preferred Stock	NE	-88,000	NE	NE
Dividends on Common Stock	-1,950,000	NE	-14,875,000	-17,224,497
Net Cash Provided by (Used in) Financing Activities	-1,950,000	-488,000	-15,775,000	-17,302,210
Net Increase (Decrease) in Cash and Cash Equivalents	942,809	228,290	2,518,995	720,133
Cash and Cash Equivalents at Beginning of Year	5,652,475	296,044	15,127,592	1,773,438
Cash and Cash Equivalents at End of Year	6,595,284	524,334	17,646,587	2,493,571

See footnotes at end of table.

**Table 24. Statement of Cash Flows as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Cash Flows from Operating Activities:				
Net Income	\$2,244,600	\$9,518,836	\$19,460,187	-\$179,260,434
Noncash Charges (credits) to Income:				
Depreciation and Depletion	2,332,548	12,343,510	14,037,110	61,347,823
Amortization	73,920	161,642	450,321	4,034,825
Deferred Income Taxes (net)	-106,076	3,693,466	10,205,507	-27,138,530
Investment Tax Credit Adjustments (net)	NE	-40,201	NE	-1,164,999
Net (Increase) Decrease in Receivables	83,251	2,154,287	1,193,520	124,012,832
Net (Increase) Decrease in Inventory	NE	-242,330	2,174,048	-49,079,292
Net Increase (Decrease) in Payables and Accrued Expenses	820,894	-13,242,944	-6,206,653	133,491,479
(Less) Allowance for Other Funds Used During Construction	NE	416,447	108,839	NE
(Less) Undistributed Earnings from Subsidiary Companies	NE	950,592	1,162,627	-122,296,753
Other Noncash Charges to Income	2,404,020	1,278,965	-7,862,147	-190,780,754
Net Cash Provided by (used in) Operating Activities	7,853,157	14,258,192	32,180,427	-2,240,297
Cash Flows from Investment Activities:				
Construction and Acquisition of Plant:				
Gross Additions to Utility Plant	NE	-9,400,583	-16,782,324	-62,944,514
Gross Additions to Nuclear Fuel	NE	NE	NE	NE
Gross Additions to Common Utility Plant	NE	NE	NE	NE
Gross Additions to Nonutility Plant	NE	NE	NE	NE
(Less) Allowance for Other Funds Used During Construction	NE	-416,447	-108,839	NE
Other	NE	NE	NE	NE
Cash Outflows for Plant	NE	-8,984,136	-16,673,485	-62,944,514
Acquisition of Other Noncurrent Assets	NE	NE	NE	NE
Proceeds from Disposal of Noncurrent Assets	NE	NE	1,503,672	1,280,704
Investments in and Advances to Associated and Subsidiary Companies	NE	-13,909,000	NE	NE
Contributions and Advances from Associated and Subsidiary Companies	NE	NE	NE	NE
Disposition of Investments in (and Advances to) Associated and Subsidiary Companies	NE	NE	NE	NE
Purchase of Investment Securities	NE	NE	NE	NE
Proceeds from Sales of Investment Securities	NE	NE	NE	NE
Loans Made or Purchased	NE	NE	NE	-166,360,000
Collections on Loans	NE	NE	NE	211,040,000
Net (Increase) Decrease in Receivables	NE	NE	NE	891,517
Net (Increase) Decrease in Inventory	NE	NE	NE	NE
Net Increase (Decrease) in Payables and Accrued Expenses	NE	NE	NE	NE
Other	NE	NE	NE	NE
Net Cash Provided by (Used in) Investing Activities	NE	-22,893,136	-15,169,813	-16,092,293
Cash Flows from Financing Activities:				
Proceeds from Issuance of:				
Long-Term Debt	NE	7,400,000	NE	1,140,000,000
Preferred Stock	NE	NE	NE	NE
Common Stock	NE	NE	NE	NE
Other	NE	NE	500,000	NE
Net Increase in Short-Term Debt	NE	NE	6,000,000	NE
Other	NE	NE	NE	NE
Cash Provided by Outside Sources	NE	7,400,000	6,500,000	1,140,000,000
Payments for the Retirement of:				
Long-Term Debt	-2,250,000	NE	-3,000,000	-948,535,191
Preferred Stock	NE	NE	NE	NE
Common Stock	NE	NE	NE	-1,974,168
Other	-2,039,827	NE	NE	NE
Net Decrease in Short-Term Debt	NE	NE	NE	-69,544,000
Dividends on Preferred Stock	NE	NE	NE	-786,980
Dividends on Common Stock	NE	-74,000,000	-20,000,000	-100,000,000
Net Cash Provided by (Used in) Financing Activities	-4,289,827	-66,600,000	-16,500,000	19,159,661
Net Increase (Decrease) in Cash and Cash Equivalents	3,563,330	-75,234,944	510,614	827,071
Cash and Cash Equivalents at Beginning of Year	8,455,071	90,819,323	299,499	3,210,307
Cash and Cash Equivalents at End of Year	12,018,401	15,584,379	810,113	4,037,378

See footnotes at end of table.

**Table 24. Statement of Cash Flows as of December 31, 1988
(Continued)**

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Transmission Company
Cash Flows from Operating Activities:				
Net Income	\$5,693,247	\$79,379,591	\$5,849,090	\$854,388,675
Noncash Charges (credits) to Income:				
Depreciation and Depletion	10,854,217	50,776,700	11,691,140	145,675,502
Amortization	1,810,675	142,035	475,742	255,642
Deferred Income Taxes (net)	23,935,641	-9,950,000	-1,354,195	67,292,318
Investment Tax Credit Adjustments (net)	NE	NE	NE	-2,345,494
Net (Increase) Decrease in Receivables	-604,292	7,675,386	281,893	-1,372,507,798
Net (Increase) Decrease in Inventory	NE	17,828,849	-51,576	-36,187,753
Net Increase (Decrease) in Payables and Accrued Expenses	-4,619,563	-35,670,790	1,177,280	6,153,182,575
(Less) Allowance for Other Funds Used During Construction	39,250	1,115,934	4,222	147
(Less) Undistributed Earnings from Subsidiary Companies	NE	4,064,317	NE	1,085,093,122
Other Noncash Charges to Income	-104,806,334	79,987,243	-1,048,728	199,020,289
Net Cash Provided by (used in) Operating Activities	-67,775,659	184,988,763	17,016,424	4,923,680,687
Cash Flows from Investment Activities:				
Construction and Acquisition of Plant:				
Gross Additions to Utility Plant	-1,698,275	-53,550,054	-414,263	-95,385,328
Gross Additions to Nuclear Fuel	NE	NE	NE	NE
Gross Additions to Common Utility Plant	NE	NE	NE	NE
Gross Additions to Nonutility Plant	NE	NE	NE	-17,218,417
(Less) Allowance for Other Funds Used During Construction	NE	-1,115,934	-4,222	-147
Other	-223,200	NE	NE	NE
Cash Outflows for Plant	-1,921,475	-52,434,120	-410,041	-112,603,598
Acquisition of Other Noncurrent Assets	NE	2,582,184	NE	-4,145,000
Proceeds from Disposal of Noncurrent Assets	NE	NE	23,076	-4,923,816
Investments in and Advances to Associated and Subsidiary Companies	NE	-30,442,908	NE	-4,207,346,115
Contributions and Advances from Associated and Subsidiary Companies	NE	NE	NE	600,000
Disposition of Investments in (and Advances to) Associated and Subsidiary Companies	NE	NE	NE	NE
Purchase of Investment Securities	NE	NE	NE	NE
Proceeds from Sales of Investment Securities	NE	-14,856	NE	NE
Loans Made or Purchased	NE	NE	NE	NE
Collections on Loans	NE	NE	NE	NE
Net (Increase) Decrease in Receivables	NE	NE	NE	NE
Net (Increase) Decrease in Inventory	NE	NE	NE	NE
Net Increase (Decrease) in Payables and Accrued Expenses	NE	NE	NE	NE
Other	NE	NE	NE	-1,566,587
Net Cash Provided by (Used in) Investing Activities	-1,921,475	-80,309,700	-386,965	-4,329,985,116
Cash Flows from Financing Activities:				
Proceeds from Issuance of:				
Long-Term Debt	NE	NE	NE	NE
Preferred Stock	NE	NE	NE	NE
Common Stock	NE	NE	NE	NE
Other	85,057,083	NE	NE	-202,001,222
Net Increase in Short-Term Debt	NE	NE	NE	NE
Other	NE	NE	NE	NE
Cash Provided by Outside Sources	85,057,083	NE	NE	-202,001,222
Payments for the Retirement of:				
Long-Term Debt	NE	-10,513,997	-7,000,000	-343,830,721
Preferred Stock	NE	NE	NE	NE
Common Stock	NE	NE	NE	NE
Other	NE	NE	NE	-14,931,290
Net Decrease in Short-Term Debt	-4,500,000	-44,663,290	NE	NE
Dividends on Preferred Stock	NE	NE	-8,000,000	NE
Dividends on Common Stock	NE	-49,600,000	NE	NE
Net Cash Provided by (Used in) Financing Activities	80,557,083	-104,777,287	-15,000,000	-560,763,233
Net Increase (Decrease) in Cash and Cash Equivalents	10,859,949	-98,224	1,629,459	32,932,338
Cash and Cash Equivalents at Beginning of Year	6,368,057	1,014,518	1,711,605	1,216,474
Cash and Cash Equivalents at End of Year	17,228,006	916,294	3,341,064	34,148,812

See footnotes at end of table.

Table 24. Statement of Cash Flows as of December 31, 1988
(Continued)

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Cash Flows from Operating Activities:				
Net Income	\$61,947,607	\$31,356,905	-\$3,723,570	\$2,035,749
Noncash Charges (credits) to Income:				
Depreciation and Depletion	100,871,673	28,560,891	13,425,046	NE
Amortization	4,476,626	2,298,394	198,011	NE
Deferred Income Taxes (net)	76,331,000	-45,701,942	-4,811,440	22,321
Investment Tax Credit Adjustments (net)	24,000	NE	NE	NE
Net (Increase) Decrease in Receivables	-126,897,874	-3,467,449	-702,084	-4,155,071
Net (Increase) Decrease in Inventory	9,605,650	40,448,957	115,992	NE
Net Increase (Decrease) in Payables and Accrued Expenses	-84,000,887	35,972,613	523,421	34,603,645
(Less) Allowance for Other Funds Used During Construction	11,538,356	1,718,513	NE	NE
(Less) Undistributed Earnings from Subsidiary Companies	10,548,551	2,888,848	NE	NE
Other Noncash Charges to Income	282,000	-33,333,681	23,157,335	36,084
Net Cash Provided by (used in) Operating Activities	20,552,888	51,527,327	28,182,711	32,542,728
Cash Flows from Investment Activities:				
Construction and Acquisition of Plant:				
Gross Additions to Utility Plant	-224,769,719	-46,030,692	-50,886	NE
Gross Additions to Nuclear Fuel	NE	NE	NE	NE
Gross Additions to Common Utility Plant	-7,427,948	NE	NE	NE
Gross Additions to Nonutility Plant	40,744	NE	NE	NE
(Less) Allowance for Other Funds Used During Construction	-11,538,356	-2,226,357	NE	NE
Other	-6,395,885	NE	NE	NE
Cash Outflows for Plant	-227,014,452	-43,804,335	-50,886	NE
Acquisition of Other Noncurrent Assets	NE	7,122	NE	NE
Proceeds from Disposal of Noncurrent Assets	NE	NE	NE	NE
Investments in and Advances to Associated and Subsidiary Companies	NE	2,948,507	NE	-78,580,482
Contributions and Advances from Associated and Subsidiary Companies	327,004,822	3,652,291	NE	NE
Disposition of Investments in (and Advances to)				
Associated and Subsidiary Companies	NE	NE	NE	45,900,602
Purchase of Investment Securities	NE	NE	NE	NE
Proceeds from Sales of Investment Securities	NE	NE	NE	NE
Loans Made or Purchased	NE	NE	NE	NE
Collections on Loans	NE	NE	NE	NE
Net (Increase) Decrease in Receivables	NE	NE	NE	NE
Net (Increase) Decrease in Inventory	NE	NE	NE	NE
Net Increase (Decrease) in Payables and Accrued Expenses	NE	NE	NE	NE
Other	NE	227,701	NE	NE
Net Cash Provided by (Used in) Investing Activities	99,990,370	-36,968,714	-50,886	-32,679,880
Cash Flows from Financing Activities:				
Proceeds from Issuance of:				
Long-Term Debt	210,000,000	100,000,000	NE	NE
Preferred Stock	NE	NE	NE	NE
Common Stock	NE	NE	NE	NE
Other	-1,416,449	-768,631	NE	NE
Net Increase in Short-Term Debt	NE	NE	NE	NE
Other	NE	NE	NE	NE
Cash Provided by Outside Sources	208,583,551	99,231,369	NE	NE
Payments for the Retirement of:				
Long-Term Debt	-56,954,500	-88,871	-9,550,000	NE
Preferred Stock	-79,040,800	-4,000,000	NE	NE
Common Stock	NE	NE	NE	NE
Other	-2,495,000	NE	NE	NE
Net Decrease in Short-Term Debt	NE	NE	NE	NE
Dividends on Preferred Stock	-2,558,289	-412,500	NE	NE
Dividends on Common Stock	-240,050,000	-37,000,000	-19,693,800	NE
Net Cash Provided by (Used in) Financing Activities	-172,515,038	57,729,998	-29,243,800	NE
Net Increase (Decrease) in Cash and Cash Equivalents	-51,971,780	72,288,611	-1,111,975	-137,152
Cash and Cash Equivalents at Beginning of Year	146,145,292	115,523,521	4,104,887	141,291
Cash and Cash Equivalents at End of Year	94,173,512	187,812,132	2,992,912	4,139

See footnotes at end of table.

**Table 24. Statement of Cash Flows as of December 31, 1988
(Continued)**

Item	Transconti- nental Gas Pipe Line Corporation	Trans- western Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Cash Flows from Operating Activities:				
Net Income	-\$3,192,413	\$22,973,122	-\$93,728,636	\$1,076,888
Noncash Charges (credits) to Income:				
Depreciation and Depletion	133,741,377	NE	43,061,751	2,306,114
Amortization	4,802,833	NE	5,753,954	22,413
Deferred Income Taxes (net)	-61,775,988	NE	-101,010,432	156,185
Investment Tax Credit Adjustments (net)	52,558	NE	NE	NE
Net (Increase) Decrease in Receivables	-149,138,220	NE	-90,613,346	113,476
Net (Increase) Decrease in Inventory	-5,367,918	NE	-5,746,156	NE
Net Increase (Decrease) in Payables and Accrued Expenses	31,969,069	NE	197,487,354	-33,388
(Less) Allowance for Other Funds Used During Construction	NE	NE	NE	367
(Less) Undistributed Earnings from Subsidiary Companies	NE	NE	-2,545,404	NE
Other Noncash Charges to Income	67,870,740	NE	203,183,437	-2,174,771
Net Cash Provided by (used in) Operating Activities	18,962,038	22,973,122	160,933,330	1,466,550
Cash Flows from Investment Activities:				
Construction and Acquisition of Plant:				
Gross Additions to Utility Plant	-91,062,182	NE	NE	-36,688
Gross Additions to Nuclear Fuel	NE	NE	-24,316,164	NE
Gross Additions to Common Utility Plant	NE	NE	NE	NE
Gross Additions to Nonutility Plant	NE	NE	NE	NE
(Less) Allowance for Other Funds Used During Construction	NE	NE	NE	-367
Other	-3,585	NE	NE	8
Cash Outflows for Plant	-91,065,767	NE	-24,316,164	-36,313
Acquisition of Other Noncurrent Assets	NE	NE	NE	NE
Proceeds from Disposal of Noncurrent Assets	NE	NE	2,164,194	NE
Investments in and Advances to Associated and Subsidiary Companies	-1,150,311,735	NE	NE	NE
Contributions and Advances from Associated and Subsidiary Companies	NE	NE	NE	NE
Disposition of Investments in (and Advances to) Associated and Subsidiary Companies	1,325,784,893	NE	NE	NE
Purchase of Investment Securities	NE	NE	NE	NE
Proceeds from Sales of Investment Securities	NE	NE	NE	NE
Loans Made or Purchased	NE	NE	NE	NE
Collections on Loans	NE	NE	NE	NE
Net (Increase) Decrease in Receivables	NE	NE	841,610	NE
Net (Increase) Decrease in Inventory	NE	NE	NE	NE
Net Increase (Decrease) in Payables and Accrued Expenses	NE	NE	NE	NE
Other	132,189,276	NE	NE	NE
Net Cash Provided by (Used in) Investing Activities	216,596,667	NE	-21,310,360	-36,313
Cash Flows from Financing Activities:				
Proceeds from Issuance of:				
Long-Term Debt	NE	NE	NE	NE
Preferred Stock	NE	NE	NE	NE
Common Stock	NE	NE	NE	NE
Other	-1,160,606	NE	NE	NE
Net Increase in Short-Term Debt	154,795,000	NE	NE	NE
Other	NE	NE	NE	NE
Cash Provided by Outside Sources	153,634,394	NE	NE	NE
Payments for the Retirement of:				
Long-Term Debt	-144,646,000	NE	-2,500,000	-3,000,000
Preferred Stock	-71,492,155	NE	-2,659,227	NE
Common Stock	-4,130,013	NE	NE	NE
Other	NE	NE	NE	NE
Net Decrease in Short-Term Debt	NE	NE	-113,550,000	NE
Dividends on Preferred Stock	-16,146,580	NE	-915,773	NE
Dividends on Common Stock	-150,000,000	NE	-20,330,000	-2,700,000
Net Cash Provided by (Used in) Financing Activities	-232,780,354	NE	-139,955,000	-5,700,000
Net Increase (Decrease) in Cash and Cash Equivalents	2,778,351	22,973,122	-332,030	-4,269,763
Cash and Cash Equivalents at Beginning of Year	-13,033,875	NE	1,623,934	4,309,046
Cash and Cash Equivalents at End of Year	-10,255,524	22,973,122	1,291,904	39,283

NE

**Table 24. Statement of Cash Flows as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Cash Flows from Operating Activities:				
Net Income	\$45,498,381	\$32,680,549	\$3,937,233	\$1,668,595
Noncash Charges (credits) to Income:				
Depreciation and Depletion	32,808,392	21,676,998	5,488,100	8,802,810
Amortization	51,569,456	3,199,008	10,702	30,552
Deferred Income Taxes (net)	32,956,431	17,982,018	-2,753,586	-526,000
Investment Tax Credit Adjustments (net)	-12,264	-35,803	-520,639	NE
Net (Increase) Decrease in Receivables	30,465,418	31,782,519	-942,540	-346,517
Net (Increase) Decrease in Inventory	-4,212,042	-5,306,129	189,343	100,931
Net Increase (Decrease) in Payables and Accrued Expenses	-446,845	-6,636,102	-7,611,149	-19,306,298
(Less) Allowance for Other Funds Used During Construction	-7	685,037	2,013	NE
(Less) Undistributed Earnings from Subsidiary Companies	14,785,525	NE	NE	NE
Other Noncash Charges to Income	-111,178,592	-64,695,389	22,874,553	29,084,650
Net Cash Provided by (used in) Operating Activities	62,662,817	29,962,632	20,670,004	19,508,723
Cash Flows from Investment Activities:				
Construction and Acquisition of Plant:				
Gross Additions to Utility Plant	NE	-40,973,096	-5,538,664	198,818
Gross Additions to Nuclear Fuel	NE	NE	NE	NE
Gross Additions to Common Utility Plant	-28,405,823	NE	NE	NE
Gross Additions to Nonutility Plant	NE	-115,808	NE	NE
(Less) Allowance for Other Funds Used During Construction	965,494	-685,037	-2,013	NE
Other	NE	NE	1,641	NE
Cash Outflows for Plant	-29,371,317	-40,403,867	-5,535,010	198,818
Acquisition of Other Noncurrent Assets	NE	1,030,000	-82,945	NE
Proceeds from Disposal of Noncurrent Assets	1,283,961	NE	95,522	NE
Investments in and Advances to Associated and Subsidiary Companies	-126,620,491	71,064,826	NE	NE
Contributions and Advances from Associated and Subsidiary Companies	15,454,180	NE	NE	NE
Disposition of Investments in (and Advances to) Associated and Subsidiary Companies	NE	NE	NE	NE
Purchase of Investment Securities	NE	NE	NE	NE
Proceeds from Sales of Investment Securities	NE	NE	NE	NE
Loans Made or Purchased	NE	NE	NE	NE
Collections on Loans	NE	NE	NE	NE
Net (Increase) Decrease in Receivables	NE	NE	NE	NE
Net (Increase) Decrease in Inventory	NE	NE	NE	NE
Net Increase (Decrease) in Payables and Accrued Expenses	NE	1,626,419	NE	NE
Other	NE	NE	NE	371,000
Net Cash Provided by (Used in) Investing Activities	-139,253,667	33,317,378	-5,522,433	569,818
Cash Flows from Financing Activities:				
Proceeds from Issuance of:				
Long-Term Debt	115,000,000	NE	NE	NE
Preferred Stock	NE	NE	NE	NE
Common Stock	NE	NE	NE	NE
Other	NE	NE	NE	NE
Net Increase in Short-Term Debt	NE	NE	NE	NE
Other	NE	NE	NE	NE
Cash Provided by Outside Sources	115,000,000	NE	NE	NE
Payments for the Retirement of:				
Long-Term Debt	NE	-19,625,000	-1,500,000	-6,180,755
Preferred Stock	NE	-23,619,000	-500,000	NE
Common Stock	NE	NE	NE	NE
Other	NE	NE	NE	-8,480,000
Net Decrease in Short-Term Debt	NE	NE	NE	NE
Dividends on Preferred Stock	NE	-1,278,072	-1,617,000	NE
Dividends on Common Stock	-33,899,514	-18,718,000	NE	NE
Net Cash Provided by (Used in) Financing Activities	81,100,486	-63,240,072	-3,617,000	-14,660,755
Net Increase (Decrease) in Cash and Cash Equivalents	4,509,636	39,938	11,530,571	5,417,786
Cash and Cash Equivalents at Beginning of Year	19,214,774	41,071	27,835,230	269,770
Cash and Cash Equivalents at End of Year	23,724,410	81,009	39,365,801	5,687,556

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	2,968,047	NE	NE	1,794,917
Commercial and Industrial Customers				
Small (or commercial)	281,353	NE	NE	163,561
Large (or industrial)	3,502	NE	NE	2,126
Other Public Authorities	70	NE	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	3,252,972	NE	NE	1,960,604
Sales for Resale Customers	2,638	18	NE	10
Total Natural Gas Customers	3,255,610	18	NE	1,960,614
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	292,194,333	NE	NE	123,398,858
Commercial and Industrial Sales				
Small (or commercial) Sales	166,256,644	NE	NE	74,024,148
Large (or industrial) Sales	294,777,796	NE	NE	39,870,286
Sales to Other Public Authorities	5,680,034	NE	NE	NE
Interdepartmental Sales	1	NE	NE	NE
Total Sales to Ultimate Consumers	758,908,806	NE	NE	237,293,292
Sales for Resale	5,609,773,248	155,225,246	188,087,997	4,732,916
Total Natural Gas Sales	6,368,682,054	155,225,246	188,087,997	242,026,208
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	\$1,553,284,554	NE	NE	\$691,866,448
Commercial and Industrial				
Small (or commercial)	749,075,921	NE	NE	345,214,083
Large (or industrial)	794,537,664	NE	NE	131,556,351
Other Public Authorities	7,153,370	NE	NE	NE
Interdepartmental	-11,760,768	NE	NE	NE
Total Revenues from Sales to Ultimate Consumers	3,092,290,739	NE	NE	1,168,636,882
Revenues from Sales for Resale	19,419,845,651	\$526,614,186	\$963,353,467	8,901,505
Total Revenues from Sales of Natural Gas	22,512,136,390	526,614,186	963,353,467	1,177,538,387
Other Revenues				
Intracompany Transfers	103,616,387	NE	NE	NE
Revenues from Transportation of Gas of Others	4,059,386,562	6,322,197	353,575,237	116,532,168
Sales of Products Extracted from Natural Gas	228,843,952	NE	NE	3,988,472
Revenues from Natural Gas Processed by Others	90,774,093	NE	NE	NE
Revenues from Incidental Gasoline and Oil Sales	22,882,964	NE	1,440,177	801,503
Other Natural Gas Revenues	482,912,185	22,725,768	35,726,804	44,038,416
Revenues from Manufactured Gas Operations	2	NE	NE	NE
Total Other Revenues	4,988,416,135	29,047,965	390,742,218	165,360,559
Total Natural Gas Operating Revenues ¹	27,500,552,527	555,662,151	1,354,095,685	1,342,898,946

See footnotes at end of table.

**Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988
(Continued)**

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	NE	NE	NE	NE
Commercial and Industrial Customers				
Small (or commercial)	21	9	NE	NE
Large (or industrial)	10	5	NE	NE
Other Public Authorities	NE	2	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	31	16	NE	NE
Sales for Resale Customers	34	27	74	NE
Total Natural Gas Customers	65	43	74	NE
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	NE	1	NE	NE
Commercial and Industrial Sales				
Small (or commercial) Sales	1,254,481	161,455	NE	NE
Large (or industrial) Sales	5,048,958	4,301,578	NE	NE
Sales to Other Public Authorities	NE	5,364	NE	NE
Interdepartmental Sales	NE	1	NE	NE
Total Sales to Ultimate Consumers	6,303,439	4,468,397	NE	NE
Sales for Resale	214,403,666	109,425,421	353,425,422	NE
Total Natural Gas Sales	220,707,105	113,893,818	353,425,422	NE
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	NE	\$1	NE	NE
Commercial and Industrial				
Small (or commercial)	\$2,990,384	494,554	NE	NE
Large (or industrial)	11,250,577	11,077,869	NE	NE
Other Public Authorities	NE	17,679	NE	NE
Interdepartmental	NE	1	NE	NE
Total Revenues from Sales to Ultimate Consumers	14,240,961	11,590,102	NE	NE
Revenues from Sales for Resale	868,581,653	358,654,695	\$1,817,192,241	NE
Total Revenues from Sales of Natural Gas	882,822,614	370,244,797	1,817,192,241	NE
Other Revenues				
Intracompany Transfers	7,271,367	32,217,250	NE	NE
Revenues from Transportation of Gas of Others	62,526,146	64,444,205	243,155,152	\$131,872,710
Sales of Products Extracted from Natural Gas	40,138,544	13,941,120	13,958,219	NE
Revenues from Natural Gas Processed by Others	NE	4,426,323	NE	NE
Revenues from Incidental Gasoline and Oil Sales	601,855	2,263,425	104,941	28,325
Other Natural Gas Revenues	71,059,537	1,273,865	2,773,483	1,054,985
Revenues from Manufactured Gas Operations	NE	1	NE	NE
Total Other Revenues	181,597,449	118,566,186	259,991,795	132,956,020
Total Natural Gas Operating Revenues ¹	1,064,420,063	488,810,982	2,077,184,036	132,956,020

See footnotes at end of table.

**Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988
(Continued)**

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	NE	NE	59	NE
Commercial and Industrial Customers				
Small (or commercial)	6	9	NE	25
Large (or industrial)	9	8	3	27
Other Public Authorities	1	1	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	16	18	62	52
Sales for Resale Customers	35	46	1,125	58
Total Natural Gas Customers	51	64	1,187	110
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	NE	NE	26,250	NE
Commercial and Industrial Sales				
Small (or commercial) Sales	489,031	127,036	NE	1,061,493
Large (or industrial) Sales	17,723,262	2,287,959	8,133,841	147,653,153
Sales to Other Public Authorities	34,049	8,960	NE	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Sales to Ultimate Consumers	18,246,342	2,423,955	8,160,091	148,714,646
Sales for Resale	74,030,299	183,977,867	379,273,963	87,450,288
Total Natural Gas Sales	92,276,641	186,401,822	387,434,054	236,164,934
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	NE	NE	\$62,630	NE
Commercial and Industrial				
Small (or commercial)	\$1,423,532	\$1,181,490	NE	\$3,262,904
Large (or industrial)	50,794,016	12,846,849	38,933,433	326,585,396
Other Public Authorities	116,643	1,754	NE	NE
Interdepartmental	NE	NE	NE	NE
Total Revenues from Sales to Ultimate Consumers	52,334,191	14,030,093	38,996,063	329,848,300
Revenues from Sales for Resale	207,145,498	652,105,745	1,179,392,492	215,089,432
Total Revenues from Sales of Natural Gas	259,479,689	666,135,838	1,218,388,555	544,937,732
Other Revenues				
Intracompany Transfers	NE	NE	NE	NE
Revenues from Transportation of Gas of Others	1,544	288,561,985	195,102,630	8,341,415
Sales of Products Extracted from Natural Gas	NE	69,799,066	12,001,999	NE
Revenues from Natural Gas Processed by Others	NE	11,006,062	16,005,277	NE
Revenues from Incidental Gasoline and Oil Sales	NE	224,602	2,532,636	29,730
Other Natural Gas Revenues	4,382,654	5,991,323	3,569,232	1,844,583
Revenues from Manufactured Gas Operations	NE	NE	NE	NE
Total Other Revenues	4,384,198	375,583,038	229,211,774	10,215,728
Total Natural Gas Operating Revenues ¹	263,863,887	1,041,718,876	1,447,600,329	555,153,460

See footnotes at end of table.

**Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988
(Continued)**

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	NE	NE	177,149	994,324
Commercial and Industrial Customers				
Small (or commercial)	NE	NE	44,907	71,850
Large (or industrial)	NE	NE	49	1,128
Other Public Authorities	NE	NE	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	NE	NE	222,105	1,067,302
Sales for Resale Customers	5	NE	13	2
Total Natural Gas Customers	5	NE	222,118	1,067,304
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	NE	NE	18,811,759	149,671,545
Commercial and Industrial Sales				
Small (or commercial) Sales	NE	NE	32,027,855	51,044,874
Large (or industrial) Sales	NE	NE	3,254,530	7,058,363
Sales to Other Public Authorities	NE	NE	NE	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Sales to Ultimate Consumers	NE	NE	54,094,144	207,774,782
Sales for Resale	69,821,177	NE	28,199,243	10,198
Total Natural Gas Sales	69,821,177	NE	82,293,387	207,784,980
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	NE	NE	\$83,299,828	\$777,532,092
Commercial and Industrial				
Small (or commercial)	NE	NE	120,136,914	258,507,868
Large (or industrial)	NE	NE	9,280,723	35,615,110
Other Public Authorities	NE	NE	NE	-10,933,896
Interdepartmental	NE	NE	NE	-11,760,769
Total Revenues from Sales to Ultimate Consumers	NE	NE	212,717,465	1,048,960,405
Revenues from Sales for Resale	\$130,193,259	NE	79,874,001	34,911
Total Revenues from Sales of Natural Gas	130,193,259	NE	292,591,466	1,048,995,316
Other Revenues				
Intracompany Transfers	NE	NE	NE	NE
Revenues from Transportation of Gas of Others	152,539,916	\$67,646,510	1,312,525	111,437,636
Sales of Products Extracted from Natural Gas	NE	NE	15,259,647	711,378
Revenues from Natural Gas Processed by Others	NE	NE	2,072,577	2,129
Revenues from Incidental Gasoline and Oil Sales	NE	NE	118,602	429,516
Other Natural Gas Revenues	NE	147,556	-1,055,428	36,063,654
Revenues from Manufactured Gas Operations	NE	NE	NE	NE
Total Other Revenues	152,539,916	67,794,066	17,707,923	148,644,313
Total Natural Gas Operating Revenues ¹	282,733,175	67,794,066	310,299,389	1,197,639,629

See footnotes at end of table.

**Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	NE	NE	NE	NE
Commercial and Industrial Customers				
Small (or commercial)	NE	NE	NE	NE
Large (or industrial)	NE	NE	31	NE
Other Public Authorities	NE	NE	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	NE	NE	31	NE
Sales for Resale Customers	1	23	16	15
Total Natural Gas Customers	1	23	47	15
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	NE	NE	NE	NE
Commercial and Industrial Sales				
Small (or commercial) Sales	NE	NE	NE	NE
Large (or industrial) Sales	NE	NE	24,717,484	NE
Sales to Other Public Authorities	NE	NE	NE	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Sales to Ultimate Consumers	NE	NE	24,717,484	NE
Sales for Resale	3,177,431	137,627,587	135,069,612	149,742,176
Total Natural Gas Sales	3,177,431	137,627,587	159,787,096	149,742,176
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	NE	NE	NE	NE
Commercial and Industrial				
Small (or commercial)	NE	NE	NE	NE
Large (or industrial)	NE	NE	\$66,205,662	NE
Other Public Authorities	NE	NE	NE	NE
Interdepartmental	NE	NE	NE	NE
Total Revenues from Sales to Ultimate Consumers	NE	NE	66,205,662	NE
Revenues from Sales for Resale	\$107,363,095	\$380,841,773	380,081,095	\$464,089,877
Total Revenues from Sales of Natural Gas	107,363,095	380,841,773	446,286,757	464,089,877
Other Revenues				
Intracompany Transfers	NE	NE	NE	12,344,435
Revenues from Transportation of Gas of Others	1,520,189	7,971,616	92,486	10,141,199
Sales of Products Extracted from Natural Gas	NE	NE	57,564	NE
Revenues from Natural Gas Processed by Others	NE	NE	22,362	NE
Revenues from Incidental Gasoline and Oil Sales	NE	NE	46,528	98,754
Other Natural Gas Revenues	97,648	159,547	85,323	8,411,369
Revenues from Manufactured Gas Operations	NE	NE	NE	NE
Total Other Revenues	1,617,836	8,131,163	304,263	30,995,757
Total Natural Gas Operating Revenues ¹	108,980,932	388,972,939	446,591,020	495,085,634

See footnotes at end of table.

**Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988
(Continued)**

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	NE	NE	NE	NE
Commercial and Industrial Customers				
Small (or commercial)	3	NE	NE	NE
Large (or industrial)	1	NE	NE	5
Other Public Authorities	NE	NE	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	4	NE	NE	5
Sales for Resale Customers	48	NE	4	17
Total Natural Gas Customers	52	NE	4	22
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	NE	NE	NE	NE
Commercial and Industrial Sales				
Small (or commercial) Sales	114,990	NE	NE	NE
Large (or industrial) Sales	1,572,594	NE	NE	2,482,760
Sales to Other Public Authorities	NE	NE	NE	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Sales to Ultimate Consumers	1,687,584	NE	NE	2,482,760
Sales for Resale	392,135,112	NE	211,374,147	97,658,080
Total Natural Gas Sales	393,822,696	NE	211,374,147	100,140,840
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	NE	NE	NE	NE
Commercial and Industrial				
Small (or commercial)	\$320,433	NE	NE	NE
Large (or industrial)	6,618,334	NE	NE	\$12,303,203
Other Public Authorities	NE	NE	NE	NE
Interdepartmental	NE	NE	NE	NE
Total Revenues from Sales to Ultimate Consumers	6,938,767	NE	NE	12,303,203
Revenues from Sales for Resale	1,316,736,985	NE	\$430,229,169	343,497,602
Total Revenues from Sales of Natural Gas	1,323,675,752	NE	430,229,169	355,800,805
Other Revenues				
Intracompany Transfers	6,191,863	NE	NE	45,571,530
Revenues from Transportation of Gas of Others	195,726,838	\$235,948,727	NE	111,398,714
Sales of Products Extracted from Natural Gas	21,203	NE	NE	45,713,664
Revenues from Natural Gas Processed by Others	NE	NE	NE	NE
Revenues from Incidental Gasoline and Oil Sales	5,411,119	NE	NE	637,504
Other Natural Gas Revenues	61,898,915	NE	NE	52,243,061
Revenues from Manufactured Gas Operations	NE	NE	NE	NE
Total Other Revenues	269,249,938	235,948,727	NE	255,564,473
Total Natural Gas Operating Revenues ¹	1,592,925,690	235,948,727	430,229,169	611,365,278

See footnotes at end of table.

**Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Qwestar Pipeline Company
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	NE	NE	1,261	NE
Commercial and Industrial Customers				
Small (or commercial)	NE	NE	415	NE
Large (or industrial)	NE	NE	19	NE
Other Public Authorities	NE	NE	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	NE	NE	1,695	NE
Sales for Resale Customers	NE	2	62	1
Total Natural Gas Customers	NE	2	1,757	1
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	NE	NE	216,493	NE
Commercial and Industrial Sales				
Small (or commercial) Sales	NE	NE	2,570,688	NE
Large (or industrial) Sales	NE	NE	665,132	NE
Sales to Other Public Authorities	NE	NE	NE	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Sales to Ultimate Consumers	NE	NE	3,452,313	NE
Sales for Resale	NE	371,350,751	50,654,998	54,752,165
Total Natural Gas Sales	NE	371,350,751	54,107,311	54,752,165
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	NE	NE	\$474,257	NE
Commercial and Industrial				
Small (or commercial)	NE	NE	5,929,887	NE
Large (or industrial)	NE	NE	2,320,035	NE
Other Public Authorities	NE	NE	NE	NE
Interdepartmental	NE	NE	NE	NE
Total Revenues from Sales to Ultimate Consumers	NE	NE	8,724,179	NE
Revenues from Sales for Resale	NE	\$769,973,000	416,012,359	\$172,925,706
Total Revenues from Sales of Natural Gas	NE	769,973,000	424,736,538	172,925,706
Other Revenues				
Intracompany Transfers	NE	NE	NE	NE
Revenues from Transportation of Gas of Others	\$12,370,987	28,889,684	178,698,725	29,995,758
Sales of Products Extracted from Natural Gas	NE	NE	2,367,468	528,009
Revenues from Natural Gas Processed by Others	NE	NE	12,930,982	632,970
Revenues from Incidental Gasoline and Oil Sales	NE	NE	196,208	NE
Other Natural Gas Revenues	NE	68,836	1,058,560	18,163,291
Revenues from Manufactured Gas Operations	NE	NE	NE	1
Total Other Revenues	12,370,987	28,958,520	195,249,943	49,320,029
Total Natural Gas Operating Revenues ¹	12,370,987	798,931,520	619,986,481	222,245,734

See footnotes at end of table.

**Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988
(Continued)**

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	NE	NE	NE	NE
Commercial and Industrial Customers				
Small (or commercial)	NE	25	NE	72
Large (or industrial)	NE	32	NE	1
Other Public Authorities	NE	NE	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	NE	57	NE	73
Sales for Resale Customers	2	95	NE	102
Total Natural Gas Customers	2	152	NE	175
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	NE	NE	NE	NE
Commercial and Industrial Sales				
Small (or commercial) Sales	NE	25,894	NE	270,689
Large (or industrial) Sales	NE	2,184,624	NE	1,261,114
Sales to Other Public Authorities	NE	NE	NE	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Sales to Ultimate Consumers	NE	2,210,518	NE	1,531,803
Sales for Resale	3,244,993	150,838,041	NE	379,432,622
Total Natural Gas Sales	3,244,993	153,048,559	NE	380,964,425
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	NE	NE	NE	NE
Commercial and Industrial				
Small (or commercial)	NE	\$56,165	NE	\$749,862
Large (or industrial)	NE	4,162,962	NE	3,169,900
Other Public Authorities	NE	NE	NE	NE
Interdepartmental	NE	NE	NE	NE
Total Revenues from Sales to Ultimate Consumers	NE	4,219,127	NE	3,919,762
Revenues from Sales for Resale	\$29,069,698	739,886,993	NE	1,259,373,277
Total Revenues from Sales of Natural Gas	29,069,698	744,106,120	NE	1,263,293,039
Other Revenues				
Intracompany Transfers	NE	NE	NE	NE
Revenues from Transportation of Gas of Others	26,807,634	154,798,585	\$32,152,654	294,463,439
Sales of Products Extracted from Natural Gas	NE	NE	NE	NE
Revenues from Natural Gas Processed by Others	NE	5,778,167	NE	24,765,637
Revenues from Incidental Gasoline and Oil Sales	NE	488,330	NE	1,251,579
Other Natural Gas Revenues	360,232	-285,324	3,800	8,662,058
Revenues from Manufactured Gas Operations	NE	NE	NE	NE
Total Other Revenues	27,167,866	160,779,758	32,156,454	329,142,713
Total Natural Gas Operating Revenues ¹	56,237,564	904,885,878	32,156,454	1,592,435,752

See footnotes at end of table.

**Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988
(Continued)**

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	NE	NE	NE	NE
Commercial and Industrial Customers				
Small (or commercial)	NE	NE	NE	NE
Large (or industrial)	NE	2	NE	NE
Other Public Authorities	NE	NE	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	NE	2	NE	NE
Sales for Resale Customers	97	96	NE	NE
Total Natural Gas Customers	97	98	NE	NE
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	NE	NE	NE	NE
Commercial and Industrial Sales				
Small (or commercial) Sales	NE	NE	NE	NE
Large (or industrial) Sales	NE	NE	NE	NE
Sales to Other Public Authorities	NE	NE	NE	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Sales to Ultimate Consumers	NE	NE	NE	NE
Sales for Resale	679,106,802	210,931,065	NE	29,483,265
Total Natural Gas Sales	679,106,802	210,931,065	NE	29,483,265
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	NE	NE	NE	NE
Commercial and Industrial				
Small (or commercial)	NE	NE	NE	NE
Large (or industrial)	NE	NE	NE	NE
Other Public Authorities	NE	NE	NE	NE
Interdepartmental	NE	NE	NE	NE
Total Revenues from Sales to Ultimate Consumers	NE	NE	NE	NE
Revenues from Sales for Resale	\$1,887,287,697	\$744,562,960	NE	\$83,144,098
Total Revenues from Sales of Natural Gas	1,887,287,697	744,562,960	NE	83,144,098
Other Revenues				
Intracompany Transfers	NE	19,942	NE	NE
Revenues from Transportation of Gas of Others	97,387,784	87,212,725	\$47,042,522	NE
Sales of Products Extracted from Natural Gas	4,197,834	NE	NE	NE
Revenues from Natural Gas Processed by Others	94,326	NE	NE	NE
Revenues from Incidental Gasoline and Oil Sales	172,107	407,468	NE	NE
Other Natural Gas Revenues	87,599,273	613,811	-56,403	NE
Revenues from Manufactured Gas Operations	NE	NE	NE	NE
Total Other Revenues	189,451,324	88,253,946	46,986,119	NE
Total Natural Gas Operating Revenues ¹	2,076,739,021	832,816,906	46,986,119	83,144,098

See footnotes at end of table.

**Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988
(Continued)**

Item	Transcontinental Gas Pipe Line Corporation	Trans- western Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	NE	62	NE	NE
Commercial and Industrial Customers				
Small (or commercial)	NE	NE	20	NE
Large (or industrial)	1	NE	4	NE
Other Public Authorities	NE	NE	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	1	62	24	NE
Sales for Resale Customers	69	8	56	NE
Total Natural Gas Customers	70	70	80	NE
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	NE	NE	NE	NE
Commercial and Industrial Sales				
Small (or commercial) Sales	NE	221,773	110,021	NE
Large (or industrial) Sales	980,932	NE	46,869	NE
Sales to Other Public Authorities	NE	NE	NE	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Sales to Ultimate Consumers	980,932	221,773	156,890	NE
Sales for Resale	233,036,877	90,251,126	156,517,518	NE
Total Natural Gas Sales	234,017,809	90,472,899	156,674,408	NE
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	NE	NE	NE	NE
Commercial and Industrial				
Small (or commercial)	NE	\$680,336	\$236,269	NE
Large (or industrial)	\$3,699,077	NE	109,564	NE
Other Public Authorities	NE	NE	NE	NE
Interdepartmental	NE	NE	NE	NE
Total Revenues from Sales to Ultimate Consumers	3,699,077	680,336	345,833	NE
Revenues from Sales for Resale	955,764,898	329,550,984	592,656,825	NE
Total Revenues from Sales of Natural Gas	959,463,975	330,231,320	593,002,658	NE
Other Revenues				
Intracompany Transfers	NE	NE	NE	NE
Revenues from Transportation of Gas of Others	275,945,372	59,905,444	87,379,152	\$1,394,925
Sales of Products Extracted from Natural Gas	215,657	NE	3,338,701	1
Revenues from Natural Gas Processed by Others	NE	NE	20,845	1
Revenues from Incidental Gasoline and Oil Sales	NE	805,844	39,782	1
Other Natural Gas Revenues	5,898,263	530,929	1,175,451	2,912,905
Revenues from Manufactured Gas Operations	NE	NE	NE	NE
Total Other Revenues	282,059,292	61,242,217	91,953,931	4,307,827
Total Natural Gas Operating Revenues ¹	1,241,523,267	391,473,537	684,956,589	4,307,827

See footnotes at end of table.

**Table 25. Gas Customers, Sales, and Operating Revenues as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Number of Natural Gas Customers				
Ultimate Consumers				
Residential Customers	NE	275	NE	NE
Commercial and Industrial Customers				
Small (or commercial)	NE	430	NE	NE
Large (or industrial)	36	5	NE	NE
Other Public Authorities	3	63	NE	NE
Interdepartmental Customers	NE	NE	NE	NE
Total Ultimate Consumers	39	773	NE	NE
Sales for Resale Customers	111	363	3	NE
Total Natural Gas Customers	150	1,136	3	NE
Volume of Natural Gas Sales (thousands of cubic feet)				
Sales to Ultimate Consumers				
Residential Sales	NE	69,427	NE	NE
Commercial and Industrial Sales				
Small (or commercial) Sales	NE	2,752,216	NE	NE
Large (or industrial) Sales	22,530,062	3,004,295	NE	NE
Sales to Other Public Authorities	2,746,722	2,884,939	NE	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Sales to Ultimate Consumers	25,276,784	8,710,877	NE	NE
Sales for Resale	50,862,445	142,953,802	31,508,930	NE
Total Natural Gas Sales	76,139,229	151,664,679	31,508,930	NE
Natural Gas Operating Revenues (dollars)				
Revenues From Sales to Ultimate Consumers				
Residential	NE	\$49,298	NE	NE
Commercial and Industrial				
Small (or commercial)	NE	7,891,240	NE	NE
Large (or industrial)	\$59,904,566	8,104,037	NE	NE
Other Public Authorities	9,984,385	7,966,805	NE	NE
Interdepartmental	NE	NE	NE	NE
Total Revenues from Sales to Ultimate Consumers	69,888,951	24,011,380	NE	NE
Revenues from Sales for Resale	472,949,292	416,841,372	\$119,873,811	NE
Total Revenues from Sales of Natural Gas	542,838,243	440,852,752	119,873,811	NE
Other Revenues				
Intracompany Transfers	NE	NE	NE	NE
Revenues from Transportation of Gas of Others	188,311,217	50,975,577	9,356,866	\$30,125,767
Sales of Products Extracted from Natural Gas	NE	2,407,385	198,021	NE
Revenues from Natural Gas Processed by Others	7,176,828	5,303,585	536,022	NE
Revenues from Incidental Gasoline and Oil Sales	4,315,455	381,886	55,087	NE
Other Natural Gas Revenues	2,608,261	169,647	938,300	NE
Revenues from Manufactured Gas Operations	NE	NE	NE	NE
Total Other Revenues	202,411,761	59,238,080	11,084,296	30,125,767
Total Natural Gas Operating Revenues ¹	745,250,004	500,090,832	130,958,107	30,125,767

¹ Account 496 (Provision for rate refunds) is not taken in consideration when reporting the total gas operating revenues.

NE No entry this period.

Note: Negative values are credits. Due to rounding detail, may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Production Expenses				
Manufactured Gas Production	\$113,601	NE	NE	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	38,643,677	NE	\$3,242,780	\$444,593
Production Maps and Records	4,070,063	NE	NE	1,911
Gas Well Expenses	12,533,096	NE	577,630	NE
Field Lines Expenses	59,017,697	NE	4,271,049	1,519,058
Field Compressor Station Expenses	21,269,302	NE	1,719,470	1,529,881
Field Compressor Station Fuel and Power	40,200,313	NE	13,733,148	-1,664,575
Field Measuring and Regulating Station Expenses	25,054,505	NE	1,741,064	514,469
Purification Expenses	58,916,707	NE	604,383	2,873,428
Gas Well Royalties	37,323,972	NE	NE	NE
Other Expenses	24,947,784	NE	889,743	491,342
Rents	5,840,757	NE	2,273,888	25,941
Total Operation Expenses	327,817,873	NE	29,053,155	5,736,048
Maintenance Expenses				
Supervision and Engineering	6,617,844	NE	945,594	90,333
Structures and Improvements	2,573,803	NE	392,754	20,528
Producing Gas Wells	2,610,974	NE	463,150	NE
Field Lines	16,683,711	NE	716,423	188,315
Field Compressor Station Equipment	19,997,494	NE	2,282,179	1,943,573
Field Measuring and Regulating Station Equipment	4,871,968	NE	123,439	66,136
Purification Equipment	8,758,853	NE	65,403	1,169,869
Drilling and Cleaning Equipment	40,264	NE	NE	NE
Other Equipment	1,783,974	NE	144,046	89,624
Total Maintenance Expenses	63,938,885	NE	5,132,988	3,568,378
Total Natural Gas Production and Gathering Expenses	391,756,758	NE	34,186,143	9,304,426
Products Extraction				
Operation Expenses				
Supervision and Engineering	3,474,939	NE	NE	117,141
Labor	11,529,813	NE	NE	322,659
Gas Shrinkage	118,575,365	NE	NE	3,717,050
Fuel	31,017,288	NE	NE	518,124
Power	4,482,117	NE	NE	75,525
Materials	1,610,469	NE	NE	77
Supplies and Expenses	6,512,085	NE	NE	230,798
Gas Processed by Others	57,156,542	NE	NE	167,221
Royalties on Products Extracted	3,594,403	NE	NE	587,859
Marketing Expenses	8,292,387	NE	NE	12,438
Products Purchased for Resale	25,984,420	NE	NE	NE
Variation on Product Inventory	906,612	NE	NE	-217,115
(Less) Extracted Products Used by the Utility	369,000	NE	NE	NE
Rents	416,189	NE	NE	5,124
Total Operation Expenses	273,183,629	NE	NE	5,536,901
Maintenance Expenses				
Supervision and Engineering	1,338,187	NE	NE	9,450
Structures and Improvements	1,311,749	NE	NE	NE
Extraction and Refining Equipment	9,627,491	NE	NE	666,740
Pipelines	107,368	NE	NE	105
Extracted Products Storage Equipment	406,207	NE	NE	NE
Compressor Equipment	1,020,648	NE	NE	35
Gas Measuring and Regulating Equipment	59,684	NE	NE	NE
Other Equipment	328,109	NE	NE	NE
Total Maintenance Expenses	14,199,443	NE	NE	676,330
Total Products Extraction Expenses	287,383,072	NE	NE	6,213,231
Exploration and Development				
Delay Rentals	174,878	NE	NE	NE
Nonproductive Well Drilling	1,933	NE	NE	NE
Abandoned Leases	NE	NE	NE	NE
Other Exploration	94,289	NE	NE	NE
Total Exploration and Development Expenses	271,100	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	\$2,436,045,722	NE	\$112,775,676	\$91,071,730
Natural Gas Wellhead Purchases, Intracompany				
Transfers	104,128,830	NE	NE	NE
Natural Gas Field Line Purchases	5,473,535,957	NE	224,602,510	43,359,329
Natural Gas Gasoline Plant Outlet Purchases	1,501,007,595	NE	8,548,882	14,372,112
Natural Gas Transmission Line Purchases	5,706,896,029	\$452,530,904	87,137,008	70,065,873
Natural Gas City Gate Purchases	876,640,275	NE	NE	486,372,435
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	95,735,342	NE	40,859,376	NE
(Less) Purchased Gas Cost Adjustments	416,924,369	-533,428	-74,976,681	8,637,744
(Less) Incremental Gas Cost Adjustments	1,873	NE	NE	NE
Total Purchased Gas	15,777,063,508	453,064,332	548,900,133	696,603,735
Exchange Gas	79,494,814	-18,691	-32,760,561	52,498,063
Purchased Gas Expenses				
Well Expenses--Purchased Gas	2,137,857	NE	NE	NE
Operation of Purchased Gas Measuring Stations	27,776,940	NE	80,146	1,409,223
Maintenance of Purchased Gas Measuring Stations	4,231,312	NE	57,917	75,969
Purchased Gas Calculations Expenses	9,111,472	NE	712,538	902,393
Other Purchased Gas Expenses	26,747,902	NE	1,734,184	3,400,880
Total Purchased Gas Expenses	70,005,483	NE	2,584,785	5,788,465
Gas Withdrawn from Underground Storage--Debit	2,469,285,679	NE	236,130,211	71,929,336
(Less) Gas Delivered to Underground Storage	2,526,961,487	NE	197,180,317	93,673,158
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	457,884,567	385,199	39,202,313	3,903,812
Gas Used for Products Extraction--Credit	195,356,319	NE	NE	4,399,603
Gas Used for Other Utility Operations--Credit	151,507,560	402,780	9,775,569	2,945,397
Total Gas Used in Utility Operations--Credit	804,748,446	787,979	48,977,882	11,248,812
Other Gas Supply Expenses	1,880,886,944	NE	49,018,972	-202,464
Total Other Gas Supply Expenses	16,945,026,495	452,257,662	557,715,341	721,695,165
Total Production Expenses	17,624,551,027	452,257,662	591,901,484	737,212,822
Natural Gas Storage, Terminating, and Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	14,378,914	NE	1,936,605	36,812
Maps and Records	589,585	NE	NE	32
Wells Expenses	14,299,748	NE	4,707,627	123,396
Lines Expenses	7,647,562	NE	NE	33,946
Compressor Station Expenses	30,654,395	NE	2,290,993	419,385
Compressor Station Fuel and Power	44,790,533	NE	5,894,751	849,504
Measuring and Regulating Station Expenses	3,796,874	NE	312,886	37,396
Purification Expenses	4,408,484	NE	324,494	52,483
Exploration and Development	2,773	NE	NE	NE
Gas Losses	23,663,093	NE	NE	NE
Other Expenses	192,760,169	NE	252,850	58,794
Storage Well Royalties	6,495,578	NE	NE	5,817
Rents	39,154,502	NE	16,935,962	5,845
Total Operations Expenses	382,642,201	NE	32,656,168	1,623,410
Maintenance Expenses				
Supervision and Engineering	5,365,790	NE	2,948,001	25,802
Structures and Improvements	2,864,276	NE	421,862	4,659
Reservoirs and Wells	8,654,290	NE	1,645,539	362,035
Lines	3,916,867	NE	56	4,516
Compressor Station Equipment	20,884,728	NE	2,777,841	467,181
Measuring and Regulating Station Equipment	612,305	NE	16,448	7,162
Purification Equipment	2,202,410	NE	323,017	107,777
Other Equipment	907,347	NE	186,988	1,302

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	\$45,408,013	NE	\$8,319,752	\$980,434
Total Underground Storage Expenses	428,050,214	NE	40,975,920	2,603,844
Other Storage				
Operation Expenses	6,192,768	NE	NE	NE
Maintenance Expenses	2,083,396	NE	NE	NE
Total Other Storage Expenses	8,276,164	NE	NE	NE
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	436,326,378	NE	40,975,920	2,603,844
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	166,584,029	\$1,295,727	10,755,372	2,200,940
System Control and Load Dispatching	29,284,519	615,823	1,389,636	578,791
Communication System Expenses	30,224,686	340,927	603,814	1,601,526
Compressor Station Labor and Expenses	269,976,844	784,721	12,005,449	1,102,007
Gas for Compressor Station Fuel	375,892,286	385,199	20,205,287	5,886,138
Other Fuel and Power for Compressor Stations	65,481,393	137,839	1,270,482	72,987
Mains	182,166,091	1,672,706	7,328,758	3,679,889
Measuring and Regulating Station Expenses	61,872,085	585,661	1,390,431	1,818,581
Transmission and Compression of Gas by Others	936,299,992	6,727,424	53,125,117	5,657,033
Other Transmission Expenses	40,409,766	1,251,001	1,426,455	3,670,686
Rents	19,796,436	34,269	2,628,667	63,888
Total Operation Expenses	2,177,988,127	13,831,297	112,129,468	26,332,466
Maintenance Expenses				
Supervision and Engineering	31,519,887	425,242	5,843,223	96,898
Structures and Improvements	22,517,885	246,820	1,355,582	145,470
Mains	109,462,229	859,629	4,937,560	623,988
Compressor Station Equipment	218,175,493	516,536	14,160,858	1,419,041
Measuring and Regulating Station Equipment	13,202,645	250,151	275,527	391,156
Communication Equipment	11,906,439	89,810	445,256	119
Other Equipment	4,036,815	NE	527,835	86,389
Total Maintenance Expenses	410,821,403	2,388,188	27,545,841	2,763,061
Total Transmission Expenses	2,588,809,530	16,219,485	139,675,309	29,095,527
Distribution Expenses				
Operation Expenses	77,273,074	NE	NE	42,041,953
Maintenance Expenses	49,248,674	NE	NE	33,791,906
Total Distribution Expenses	126,521,748	NE	NE	75,833,859
Customer Accounts Expenses				
Supervision	5,164,722	NE	NE	2,440,551
Meter Reading Expenses	20,163,516	NE	NE	9,655,864
Customer Records and Collection Expenses	70,860,705	149,440	680,054	31,487,179
Uncollectible Accounts	30,240,585	NE	NE	6,368,738
Miscellaneous Customer Accounts Expenses	6,132,357	NE	NE	1,754,691
Total Customer Accounts Expenses	132,561,885	149,440	680,054	51,707,023
Customer Service and Informational Expenses				
Supervision	2,776,042	NE	1,743,653	578,703
Customer Assistance Expenses	9,281,310	NE	NE	3,203,105
Informational and Instructional Advertising Expenses	3,331,030	NE	NE	1,284,994
Miscellaneous Customer Service and Informational Expenses	3,614,830	NE	NE	1,656,958
Total Customer Service and Informational Expenses	19,003,212	NE	1,743,653	6,723,760

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Sales Expenses				
Supervision	\$2,941,127	NE	NE	\$59,717
Demonstrating and Selling Expenses	13,160,235	NE	\$2,203,977	918,119
Advertising Expenses	5,544,465	\$238,254	2,099,487	1,216,496
Miscellaneous Sales Expenses	1,886,674	NE	NE	95,063
Total Sales Expenses	23,532,501	238,254	4,303,464	2,289,395
Administrative and General Expenses				
Administrative and General Salaries	481,432,649	4,369,347	27,018,467	35,744,962
Office Supplies and Expenses	279,342,921	1,251,410	17,200,777	19,073,227
(Less) Administrative Expenses Transferred	72,012,567	8,377	1,218,388	6,696,302
Outside Services Employed	300,393,175	2,336,703	24,630,694	13,238,519
Property Insurance	42,687,321	36,035	-242,359	436,112
Injuries and Damages	64,779,570	487,752	2,391,540	9,320,060
Employee Pensions and Benefits	238,212,387	716,799	2,622,582	24,774,874
Franchise Requirements	2,615,720	NE	NE	2,423,728
Regulatory Commission Expenses	71,408,822	1,773,651	2,879,820	2,267,160
(Less) Duplicate Charges	5,037,409	NE	NE	56,131
General Advertising Expenses	2,376,068	NE	15,761	618,251
Miscellaneous General Expenses	237,585,565	2,814,273	3,825,577	1,335,922
Rents	134,569,825	496,292	7,906,591	7,356,579
Maintenance of General Plant	12,548,825	348,208	328,296	1,037,776
Total Administrative and General Expenses	1,790,902,877	14,622,093	87,359,358	110,874,737
Total Gas Operation and Maintenance Expenses	22,742,209,157	483,486,934	866,639,242	1,016,340,967
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	NE	NE	NE
Production--Natural Gas (including exploration and development)	123,753,833	NE	7,430,383	4,016,006
Other Gas Supply	47,519,164	NE	1,897,953	2,512,020
Storage, LNG Terminaling and Processing	60,212,826	NE	9,350,469	308,553
Transmission	523,467,883	5,695,996	32,970,236	6,875,121
Distribution	70,943,829	NE	NE	44,016,763
Customer Accounts	59,525,573	149,440	665,325	26,180,609
Customer Service and Informational Expenses	7,220,178	NE	975,647	2,591,289
Sales	9,204,568	NE	1,518,403	406,106
Administrative and General	415,091,900	4,455,929	27,218,605	27,340,595
Allocation of Payroll Charged for Clearing Accounts	52,684,385	86,716	NE	108,706
Total Salaries and Wages	1,369,624,139	10,388,081	82,027,021	114,355,768
Number of Gas Department Employees				
Regular Full-Time Employees	31,055	NE	NE	NE
Part-Time and Temporary Employees	518	NE	NE	NE
Total Gas Department Employees	31,573	NE	NE	NE

See footnotes at end of table.

Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Production Expenses				
Manufactured Gas Production	NE	NE	\$1,003	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	\$3,877,748	\$2,699,169	1,955,119	NE
Production Maps and Records	722,354	NE	145,430	NE
Gas Well Expenses	4,502,690	414,101	NE	NE
Field Lines Expenses	3,149,054	3,803,084	4,181,777	NE
Field Compressor Station Expenses	156,340	1,313,737	399,238	NE
Field Compressor Station Fuel and Power	300,399	5,989,719	760,131	NE
Field Measuring and Regulating Station Expenses	2,177,884	635,729	2,016,609	NE
Purification Expenses	NE	1,005,147	44,775	NE
Gas Well Royalties	4,852,781	5,649,222	120,369	NE
Other Expenses	413,265	2,430,788	521,707	NE
Rents	166,788	230,321	77,639	NE
Total Operation Expenses	20,319,303	24,171,017	10,222,794	NE
Maintenance Expenses				
Supervision and Engineering	761,272	831,887	57,344	NE
Structures and Improvements	543,885	34,080	76,141	NE
Producing Gas Wells	492,591	63,830	757	NE
Field Lines	1,855,837	812,036	3,369,849	NE
Field Compressor Station Equipment	98,693	2,962,290	339,305	NE
Field Measuring and Regulating Station Equipment	375,701	34,735	223,546	NE
Purification Equipment	196	542,115	51,848	NE
Drilling and Cleaning Equipment	NE	NE	NE	NE
Other Equipment	66,512	4,602	10,610	NE
Total Maintenance Expenses	4,194,687	5,285,575	4,129,400	NE
Total Natural Gas Production and Gathering Expenses	24,513,990	29,456,592	14,352,194	NE
Products Extraction				
Operation Expenses				
Supervision and Engineering	275,250	167,161	58,191	NE
Labor	1,358,819	642,703	776,342	NE
Gas Shrinkage	20,458,067	3,377,615	9,175,486	NE
Fuel	5,585,654	1,306,059	1,806,370	NE
Power	349,773	12,562	1,037,290	NE
Materials	220,541	225,934	NE	NE
Supplies and Expenses	262,483	396,814	389,124	NE
Gas Processed by Others	NE	4,280,846	NE	NE
Royalties on Products Extracted	NE	-70,981	NE	NE
Marketing Expenses	3,623,013	1,024,302	NE	NE
Products Purchased for Resale	1,057,005	NE	NE	NE
Variation on Product Inventory	83,377	850	NE	NE
(Less) Extracted Products Used by the Utility	39,787	NE	NE	NE
Rents	3,061	720	72,012	NE
Total Operation Expenses	33,237,256	11,364,585	13,314,815	NE
Maintenance Expenses				
Supervision and Engineering	105,995	71,555	NE	NE
Structures and Improvements	62,724	21,768	30,411	NE
Extraction and Refining Equipment	610,039	251,665	739,127	NE
Pipelines	19,646	5,606	NE	NE
Extracted Products Storage Equipment	8,402	6,196	NE	NE
Compressor Equipment	NE	153,613	NE	NE
Gas Measuring and Regulating Equipment	4,766	3,872	NE	NE
Other Equipment	4,501	20,979	NE	NE
Total Maintenance Expenses	816,073	535,254	769,538	NE
Total Products Extraction Expenses	34,053,329	11,899,839	14,084,353	NE
Exploration and Development				
Delay Rentals	NE	NE	NE	NE
Nonproductive Well Drilling	NE	NE	NE	NE
Abandoned Leases	NE	NE	NE	NE
Other Exploration	NE	NE	NE	NE
Total Exploration and Development Expenses	NE	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	\$1,163,047	\$121,752,520	\$1,211,369	NE
Natural Gas Wellhead Purchases, Intracompany				
Transfers	7,271,367	32,217,250	512,443	NE
Natural Gas Field Line Purchases	224,830,906	13,882,399	639,830,978	\$11,574,440
Natural Gas Gasoline Plant Outlet Purchases	NE	32,808,708	218,744,855	NE
Natural Gas Transmission Line Purchases	494,927,219	11,149,888	485,637,447	NE
Natural Gas City Gate Purchases	NE	NE	NE	NE
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	NE	NE	12,264,689	NE
(Less) Purchased Gas Cost Adjustments	58,177,536	17,017,938	49,660,989	NE
(Less) Incremental Gas Cost Adjustments	NE	NE	NE	NE
Total Purchased Gas	670,015,003	194,792,827	1,308,540,792	11,574,440
Exchange Gas	7,135,902	8,859,654	15,674,674	NE
Purchased Gas Expenses				
Well Expenses--Purchased Gas	NE	1,086,175	51,901	NE
Operation of Purchased Gas Measuring Stations	1,737,007	1,592,997	2,886,898	NE
Maintenance of Purchased Gas Measuring Stations	439,882	320,857	554,309	NE
Purchased Gas Calculations Expenses	666,058	377,690	NE	NE
Other Purchased Gas Expenses	577,938	1,142,606	-7,106,182	NE
Total Purchased Gas Expenses	3,420,885	4,520,325	-3,613,074	NE
Gas Withdrawn from Underground Storage--Debit	332,394,513	69,844,343	260,744,239	NE
(Less) Gas Delivered to Underground Storage	287,769,552	64,171,139	321,144,863	NE
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	13,612,058	9,276,864	4,619,935	11,934,948
Gas Used for Products Extraction--Credit	26,038,835	8,557,309	12,126,666	NE
Gas Used for Other Utility Operations--Credit	12,450,574	4,221,797	11,572,381	1,182,777
Total Gas Used in Utility Operations--Credit	52,101,467	22,055,970	28,318,982	13,117,725
Other Gas Supply Expenses	692,396	16,564	89,600,645	NE
Total Other Gas Supply Expenses	673,787,680	191,806,604	1,321,483,431	-1,543,285
Total Production Expenses	732,354,999	233,163,035	1,349,920,981	-1,543,285
Natural Gas Storage, Terminating, and Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	1,356,149	713,590	3,261,758	NE
Maps and Records	281,107	NE	243,257	NE
Wells Expenses	1,470,328	114,863	1,653,329	NE
Lines Expenses	1,176,320	109,549	1,584,394	NE
Compressor Station Expenses	5,476,938	563,012	4,870,443	NE
Compressor Station Fuel and Power	10,682,928	596,872	6,191,811	NE
Measuring and Regulating Station Expenses	768,121	99,302	998,844	NE
Purification Expenses	NE	349,218	232,206	NE
Exploration and Development	NE	NE	NE	NE
Gas Losses	9,073,868	110,695	1,674,409	NE
Other Expenses	253,231	62,779	961,086	NE
Storage Well Royalties	688,780	NE	3,275,627	NE
Rents	1,285	145,066	227,488	NE
Total Operations Expenses	31,229,055	2,864,946	25,174,652	NE
Maintenance Expenses				
Supervision and Engineering	163,608	304,124	369,028	NE
Structures and Improvements	336,027	45,641	354,881	NE
Reservoirs and Wells	145,672	112,655	837,892	NE
Lines	269,585	53,148	1,235,568	NE
Compressor Station Equipment	2,672,420	523,979	3,217,757	NE
Measuring and Regulating Station Equipment	74,065	9,026	73,306	NE
Purification Equipment	NE	98,085	132,365	NE
Other Equipment	35,785	7,053	37,084	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	\$3,697,162	\$1,153,711	\$6,257,881	NE
Total Underground Storage Expenses	34,926,217	4,018,657	31,432,533	NE
Other Storage				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Other Storage Expenses	NE	NE	NE	NE
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	34,926,217	4,018,657	31,432,533	NE
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	2,526,656	2,934,843	9,270,435	\$1,831,897
System Control and Load Dispatching	712,377	595,064	1,609,508	355,839
Communication System Expenses	423,151	NE	7,953,358	575,245
Compressor Station Labor and Expenses	4,067,085	4,645,811	10,663,293	9,364,257
Gas for Compressor Station Fuel	2,689,728	2,860,864	-2,865,842	12,295,460
Other Fuel and Power for Compressor Stations	NE	412,872	2,172,094	NE
Mains	4,437,008	2,038,143	9,982,539	4,033,829
Measuring and Regulating Station Expenses	3,950,757	813,111	4,546,078	898,485
Transmission and Compression of Gas by Others	26,973,486	17,068,124	130,693,693	728,228
Other Transmission Expenses	3,188,047	3,558,025	4,755,316	598,464
Rents	593,093	18,137	914,833	1,025,186
Total Operation Expenses	49,561,388	34,942,994	179,695,305	31,706,890
Maintenance Expenses				
Supervision and Engineering	333,138	1,144,822	726,873	702,022
Structures and Improvements	938,121	283,403	797,364	240,085
Mains	980,963	254,015	7,142,095	1,685,929
Compressor Station Equipment	4,040,395	6,272,038	8,222,240	8,609,659
Measuring and Regulating Station Equipment	918,581	298,282	1,131,910	135,194
Communication Equipment	415,619	NE	848,749	88,769
Other Equipment	17,840	595,017	152,766	19,169
Total Maintenance Expenses	7,644,657	8,847,577	19,021,997	11,480,827
Total Transmission Expenses	57,206,045	43,790,571	198,717,302	43,187,717
Distribution Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Distribution Expenses	NE	NE	NE	NE
Customer Accounts Expenses				
Supervision	NE	NE	NE	NE
Meter Reading Expenses	NE	NE	480,153	NE
Customer Records and Collection Expenses	NE	NE	107	NE
Uncollectible Accounts	26,790	NE	-586,532	192,902
Miscellaneous Customer Accounts Expenses	NE	NE	NE	NE
Total Customer Accounts Expenses	26,790	NE	-106,272	192,902
Customer Service and Informational Expenses				
Supervision	NE	NE	NE	NE
Customer Assistance Expenses	NE	NE	NE	NE
Informational and Instructional Advertising Expenses	NE	NE	NE	NE
Miscellaneous Customer Service and Informational Expenses	NE	220,613	NE	NE
Total Customer Service and Informational Expenses	NE	220,613	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Sales Expenses				
Supervision	NE	NE	NE	NE
Demonstrating and Selling Expenses	\$228,880	\$60,026	NE	NE
Advertising Expenses	139,998	643,114	NE	NE
Miscellaneous Sales Expenses	NE	NE	NE	NE
Total Sales Expenses	368,878	703,140	NE	NE
Administrative and General Expenses				
Administrative and General Salaries	9,299,674	12,556,861	\$21,216,942	\$5,967,670
Office Supplies and Expenses	2,862,068	3,005,363	5,785,043	2,514,712
(Less) Administrative Expenses Transferred	NE	4,103,505	NE	1,110,902
Outside Services Employed	9,685,143	7,303,304	23,920,495	3,775,910
Property Insurance	1,368,616	566,759	716,253	1,355,253
Injuries and Damages	1,313,497	1,374,687	1,846,714	595,594
Employee Pensions and Benefits	12,955,464	5,245,873	16,697,974	3,036,706
Franchise Requirements	NE	NE	NE	NE
Regulatory Commission Expenses	3,059,132	697,875	4,897,726	715,331
(Less) Duplicate Charges	NE	1,859,944	NE	NE
General Advertising Expenses	20,186	8,468	53,578	NE
Miscellaneous General Expenses	7,721,975	2,931,251	14,237,498	145,028
Rents	81,715	5,288,489	1,214,190	366,042
Maintenance of General Plant	585,588	1,110,972	648,742	210,291
Total Administrative and General Expenses	48,953,058	34,126,453	91,235,155	17,571,635
Total Gas Operation and Maintenance Expenses	873,835,987	316,022,469	1,671,199,698	59,408,969
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production-Manufactured Gas	NE	NE	NE	NE
Production-Natural Gas (including exploration and development)	14,916,252	NE	10,176,646	NE
Other Gas Supply	2,518,553	NE	7,930,632	NE
Storage, LNG Terminating and Processing	8,456,991	NE	12,747,758	NE
Transmission	14,379,341	NE	38,350,069	15,130,557
Distribution	NE	NE	NE	NE
Customer Accounts	NE	NE	381,448	NE
Customer Service and Informational Expenses	NE	NE	NE	NE
Sales	118,117	NE	NE	NE
Administrative and General	11,505,554	NE	22,107,625	5,972,116
Allocation of Payroll Charged for Clearing Accounts	5,353,560	NE	1,251,876	35,799
Total Salaries and Wages	57,248,368	NE	92,946,054	21,138,472
Number of Gas Department Employees				
Regular Full-Time Employees	1,920	1,195	3,254	646
Part-Time and Temporary Employees	55	11	1	36
Total Gas Department Employees	1,975	1,206	3,255	682

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Production Expenses				
Manufactured Gas Production	NE	NE	NE	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	NE	\$10,287,489	\$2,916,188	NE
Production Maps and Records	NE	288,750	NE	NE
Gas Well Expenses	NE	2,238,272	NE	NE
Field Lines Expenses	NE	19,927,926	5,347,901	NE
Field Compressor Station Expenses	NE	2,896,322	-159,627	NE
Field Compressor Station Fuel and Power	NE	-16,320,223	6,743,597	NE
Field Measuring and Regulating Station Expenses	NE	5,147,590	37,519	NE
Purification Expenses	NE	26,214,864	6,533,884	NE
Gas Well Royalties	NE	2,284,565	11,657	NE
Other Expenses	NE	5,882,856	4,131,719	NE
Rents	NE	1,827,264	119,478	NE
Total Operation Expenses	NE	60,675,675	25,682,316	NE
Maintenance Expenses				
Supervision and Engineering	NE	NE	140,497	NE
Structures and Improvements	NE	497,284	169,510	NE
Producing Gas Wells	NE	84,294	NE	NE
Field Lines	NE	3,808,185	1,454,648	NE
Field Compressor Station Equipment	NE	1,309,761	-10,585	NE
Field Measuring and Regulating Station Equipment	NE	1,674,817	7,680	NE
Purification Equipment	NE	3,006,647	1,343,004	NE
Drilling and Cleaning Equipment	NE	NE	NE	NE
Other Equipment	NE	572,842	69,290	NE
Total Maintenance Expenses	NE	10,953,830	3,174,044	NE
Total Natural Gas Production and Gathering Expenses	NE	71,629,505	28,856,360	NE
Products Extraction				
Operation Expenses				
Supervision and Engineering	NE	1,692,645	128,910	NE
Labor	NE	6,469,642	212,273	NE
Gas Shrinkage	NE	43,295,416	5,067,920	NE
Fuel	NE	8,778,156	4,241,669	NE
Power	NE	NE	255,148	NE
Materials	NE	678,608	NE	NE
Supplies and Expenses	NE	3,574,052	212,500	NE
Gas Processed by Others	NE	19,231,306	18,227,091	NE
Royalties on Products Extracted	NE	NE	NE	NE
Marketing Expenses	NE	NE	NE	NE
Products Purchased for Resale	NE	22,461,658	NE	NE
Variation on Product Inventory	NE	900,648	NE	NE
(Less) Extracted Products Used by the Utility	NE	315,215	NE	NE
Rents	NE	301,816	NE	NE
Total Operation Expenses	NE	107,068,732	28,345,511	NE
Maintenance Expenses				
Supervision and Engineering	NE	NE	2,550	NE
Structures and Improvements	NE	448,838	27,770	NE
Extraction and Refining Equipment	NE	4,575,890	299,568	NE
Pipelines	NE	75,204	118	NE
Extracted Products Storage Equipment	NE	363,988	324	NE
Compressor Equipment	NE	NE	NE	NE
Gas Measuring and Regulating Equipment	NE	NE	929	NE
Other Equipment	NE	219,255	24,790	NE
Total Maintenance Expenses	NE	5,683,175	356,049	NE
Total Products Extraction Expenses	NE	112,751,907	28,701,560	NE
Exploration and Development				
Delay Rentals	NE	NE	NE	NE
Nonproductive Well Drilling	NE	NE	NE	NE
Abandoned Leases	NE	NE	NE	NE
Other Exploration	NE	NE	NE	NE
Total Exploration and Development Expenses	NE	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	NE	\$481,460,192	\$473,161,947	\$2,829,865
Natural Gas Wellhead Purchases, Intracompany				
Transfers	NE	NE	NE	NE
Natural Gas Field Line Purchases	\$6,504,692	72,419,746	36,774,620	242,110,376
Natural Gas Gasoline Plant Outlet Purchases	NE	157,594,671	47,913,115	103,952,882
Natural Gas Transmission Line Purchases	220,309,986	9,815,058	203,386,248	113,101,672
Natural Gas City Gate Purchases	NE	NE	NE	1,798,046
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	NE	-74,082,667	NE	2,148
(Less) Purchased Gas Cost Adjustments	845,388	174,767,723	43,810,384	54,091
(Less) Incremental Gas Cost Adjustments	NE	NE	NE	1,873
Total Purchased Gas	225,969,290	472,439,277	717,425,546	463,739,025
Exchange Gas	-36,477	-57,798,459	19,764,575	4,080,941
Purchased Gas Expenses				
Well Expenses--Purchased Gas	NE	NE	227,839	NE
Operation of Purchased Gas Measuring Stations	35,679	308,116	5,240,394	306,546
Maintenance of Purchased Gas Measuring Stations	6,114	NE	1,328,872	67,567
Purchased Gas Calculations Expenses	NE	1,366,629	NE	106,509
Other Purchased Gas Expenses	NE	513,253	928,637	560,621
Total Purchased Gas Expenses	41,793	2,187,998	7,725,742	1,041,243
Gas Withdrawn from Underground Storage--Debit	5,569,899	42,713,109	106,265,661	NE
(Less) Gas Delivered to Underground Storage	5,061,596	53,491,424	109,263,184	NE
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	2,461,674	-15,132,482	8,702,723	9,789,396
Gas Used for Products Extraction--Credit	NE	69,785,557	24,258,444	NE
Gas Used for Other Utility Operations--Credit	813,585	30,377,225	10,465,167	1,533,493
Total Gas Used in Utility Operations--Credit	3,275,259	85,030,300	43,426,334	11,322,889
Other Gas Supply Expenses	5,443,006	226,063,444	19,741,199	NE
Total Other Gas Supply Expenses	228,650,656	547,083,645	718,233,205	457,538,320
Total Production Expenses	228,650,656	731,465,057	775,791,125	457,538,320
Natural Gas Storage, Terminating, and				
Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	NE	159,168	785,344	NE
Maps and Records	NE	NE	NE	NE
Wells Expenses	NE	5,334	479,592	NE
Lines Expenses	NE	-35	638,912	NE
Compressor Station Expenses	NE	349,313	1,044,984	NE
Compressor Station Fuel and Power	NE	310,690	405,787	NE
Measuring and Regulating Station Expenses	NE	NE	198,060	NE
Purification Expenses	NE	45,500	346,406	NE
Exploration and Development	NE	NE	NE	NE
Gas Losses	NE	550	NE	NE
Other Expenses	NE	32,827	9,977,966	NE
Storage Well Royalties	NE	178,047	278,080	NE
Rents	NE	11,249	NE	NE
Total Operations Expenses	NE	1,092,643	14,155,131	NE
Maintenance Expenses				
Supervision and Engineering	NE	NE	41,856	NE
Structures and Improvements	NE	3,575	207,688	NE
Reservoirs and Wells	NE	8,541	802,520	NE
Lines	NE	10,950	679,243	NE
Compressor Station Equipment	NE	142,366	1,047,169	NE
Measuring and Regulating Station Equipment	NE	NE	63,854	NE
Purification Equipment	NE	15,527	443,937	NE
Other Equipment	NE	6,032	479,456	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	NE	\$186,991	\$3,765,723	NE
Total Underground Storage Expenses	NE	1,279,634	17,920,854	NE
Other Storage				
Operation Expenses	\$1,150,743	NE	2,076,616	NE
Maintenance Expenses	119,307	NE	558,067	NE
Total Other Storage Expenses	1,270,050	NE	2,634,683	NE
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	1,270,050	1,279,634	20,555,537	NE
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	1,554,983	12,205,468	7,223,708	\$480,437
System Control and Load Dispatching	426,668	2,567,716	1,193,285	359,279
Communication System Expenses	108,620	857,970	945,866	NE
Compressor Station Labor and Expenses	764,442	16,874,175	14,145,327	6,410,876
Gas for Compressor Station Fuel	2,461,675	1,187,742	1,959,126	9,692,847
Other Fuel and Power for Compressor Stations	120,367	1,399,028	2,045,707	NE
Mains	1,788,705	3,714,922	8,156,768	7,055,957
Measuring and Regulating Station Expenses	619,995	2,165,960	3,110,109	1,583,826
Transmission and Compression of Gas by Others	287,180	6,372,396	112,081,098	12,512,967
Other Transmission Expenses	940,924	1,842,739	831,016	173,640
Rents	68,570	1,032,720	1,210,825	753,023
Total Operation Expenses	9,142,129	50,220,836	152,902,835	39,022,852
Maintenance Expenses				
Supervision and Engineering	88,354	NE	291,064	NE
Structures and Improvements	76,756	489,650	2,559,021	319,701
Mains	375,752	11,804,557	4,589,604	2,260,534
Compressor Station Equipment	440,605	27,273,019	23,922,421	3,461,043
Measuring and Regulating Station Equipment	178,461	378,352	1,225,076	558,231
Communication Equipment	37,575	169,460	245,852	173,365
Other Equipment	569	371,188	102,120	3,759
Total Maintenance Expenses	1,198,072	40,486,226	32,935,158	6,776,633
Total Transmission Expenses	10,340,201	90,707,062	185,837,993	45,799,485
Distribution Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Distribution Expenses	NE	NE	NE	NE
Customer Accounts Expenses				
Supervision	NE	NE	NE	NE
Meter Reading Expenses	NE	NE	NE	NE
Customer Records and Collection Expenses	161,002	151,983	NE	NE
Uncollectible Accounts	NE	2,201,687	300,000	NE
Miscellaneous Customer Accounts Expenses	NE	NE	NE	NE
Total Customer Accounts Expenses	161,002	2,353,670	300,000	NE
Customer Service and Informational Expenses				
Supervision	NE	NE	NE	NE
Customer Assistance Expenses	NE	NE	105,954	NE
Informational and Instructional Advertising Expenses	6,340	NE	639,173	NE
Miscellaneous Customer Service and Informational Expenses	468,689	NE	NE	NE
Total Customer Service and Informational Expenses	475,029	NE	745,127	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Sales Expenses				
Supervision	NE	\$1,543,397	NE	NE
Demonstrating and Selling Expenses	NE	NE	\$2,121,685	\$517,715
Advertising Expenses	\$211,405	NE	NE	NE
Miscellaneous Sales Expenses	NE	NE	NE	NE
Total Sales Expenses	211,405	1,543,397	2,121,685	517,715
Administrative and General Expenses				
Administrative and General Salaries	1,603,466	31,764,107	30,260,888	8,902,772
Office Supplies and Expenses	714,637	17,124,741	11,238,532	3,391,653
(Less) Administrative Expenses Transferred	290,560	7,905,960	5,832,040	2,656,157
Outside Services Employed	803,309	31,280,127	11,063,627	2,764,405
Property Insurance	13,223	3,198,583	9,127,935	1,419,022
Injuries and Damages	24,218	6,756,515	-538,900	-887
Employee Pensions and Benefits	974,804	31,992,919	454,918	-525,157
Franchise Requirements	NE	1,109	NE	NE
Regulatory Commission Expenses	409,056	1,494,252	3,058,712	659,614
(Less) Duplicate Charges	NE	438,514	NE	NE
General Advertising Expenses	NE	35,757	341,840	382,110
Miscellaneous General Expenses	1,348,385	27,829,165	12,460,529	1,774,935
Rents	165,690	7,094,371	26,098,477	7,932,931
Maintenance of General Plant	37,988	97,178	720,464	142,109
Total Administrative and General Expenses	5,804,216	150,324,350	98,454,982	24,187,350
Total Gas Operation and Maintenance Expenses	246,912,559	977,673,170	1,083,806,449	528,042,870
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	NE	NE	NE
Production--Natural Gas (including exploration and development)	NE	38,392,641	6,794,040	NE
Other Gas Supply	28,674	1,980,614	6,590,049	826,231
Storage, LNG Terminating and Processing	283,679	434,273	4,250,596	NE
Transmission	3,897,577	36,040,925	34,266,173	12,605,560
Distribution	NE	NE	NE	NE
Customer Accounts	138,841	135,384	NE	NE
Customer Service and Informational Expenses	226,076	NE	NE	NE
Sales	NE	1,015,385	1,358,449	373,495
Administrative and General	1,445,203	30,522,875	30,566,123	8,903,081
Allocation of Payroll Charged for Clearing Accounts	21,483	327,258	NE	NE
Total Salaries and Wages	6,041,533	108,849,355	83,825,430	22,708,367
Number of Gas Department Employees				
Regular Full-Time Employees	180	3,109	2,606	341
Part-Time and Temporary Employees	NE	25	29	2
Total Gas Department Employees	180	3,134	2,635	343

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Production Expenses				
Manufactured Gas Production	NE	NE	\$975	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	NE	NE	296,733	\$87,728
Production Maps and Records	NE	NE	NE	NE
Gas Well Expenses	NE	NE	NE	318,950
Field Lines Expenses	NE	NE	353,444	NE
Field Compressor Station Expenses	NE	NE	828,651	186,433
Field Compressor Station Fuel and Power	NE	NE	1,587,023	38,878
Field Measuring and Regulating Station Expenses	NE	NE	967,581	405,040
Purification Expenses	NE	NE	1,160,049	812,385
Gas Well Royalties	NE	NE	NE	31,406
Other Expenses	NE	NE	210,790	100,685
Rents	NE	NE	17,060	NE
Total Operation Expenses	NE	NE	5,421,331	1,981,505
Maintenance Expenses				
Supervision and Engineering	NE	NE	82,991	NE
Structures and Improvements	NE	NE	33,677	17
Producing Gas Wells	NE	NE	NE	230,730
Field Lines	NE	NE	149,262	NE
Field Compressor Station Equipment	NE	NE	346,561	42,810
Field Measuring and Regulating Station Equipment	NE	NE	201,883	NE
Purification Equipment	NE	NE	48,468	245,929
Drilling and Cleaning Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	53,124	NE
Total Maintenance Expenses	NE	NE	915,966	519,486
Total Natural Gas Production and Gathering Expenses	NE	NE	6,337,297	2,500,991
Products Extraction				
Operation Expenses				
Supervision and Engineering	NE	NE	57,023	NE
Labor	NE	NE	268,718	NE
Gas Shrinkage	NE	NE	7,314,551	NE
Fuel	NE	NE	793,780	NE
Power	NE	NE	2,151,139	NE
Materials	NE	NE	129,506	NE
Supplies and Expenses	NE	NE	434,759	NE
Gas Processed by Others	NE	NE	2,132,706	NE
Royalties on Products Extracted	NE	NE	1,374,755	NE
Marketing Expenses	NE	NE	2,074,689	NE
Products Purchased for Resale	NE	NE	NE	NE
Variation on Product Inventory	NE	NE	10,391	-1,011
(Less) Extracted Products Used by the Utility	NE	NE	NE	NE
Rents	NE	NE	3,239	NE
Total Operation Expenses	NE	NE	16,745,256	-1,011
Maintenance Expenses				
Supervision and Engineering	NE	NE	20,004	NE
Structures and Improvements	NE	NE	5,975	NE
Extraction and Refining Equipment	NE	NE	465,299	NE
Pipelines	NE	NE	NE	NE
Extracted Products Storage Equipment	NE	NE	NE	NE
Compressor Equipment	NE	NE	NE	NE
Gas Measuring and Regulating Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	NE	NE
Total Maintenance Expenses	NE	NE	491,278	NE
Total Products Extraction Expenses	NE	NE	17,236,534	-1,011
Exploration and Development				
Delay Rentals	NE	NE	NE	NE
Nonproductive Well Drilling	NE	NE	NE	NE
Abandoned Leases	NE	NE	NE	NE
Other Exploration	NE	NE	NE	NE
Total Exploration and Development Expenses	NE	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	NE	NE	\$111,996,384	\$52,310,849
Natural Gas Wellhead Purchases, Intracompany				
Transfers	NE	NE	NE	NE
Natural Gas Field Line Purchases	NE	NE	8,438,551	171,175,689
Natural Gas Gasoline Plant Outlet Purchases	NE	NE	19,784,980	NE
Natural Gas Transmission Line Purchases	\$163,509,265	NE	5,969,186	172,979,880
Natural Gas City Gate Purchases	NE	NE	36,642,311	351,827,483
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	NE	NE	NE	NE
(Less) Purchased Gas Cost Adjustments	672,949	NE	2,204,066	NE
(Less) Incremental Gas Cost Adjustments	NE	NE	NE	NE
Total Purchased Gas	162,836,316	NE	180,627,346	748,293,901
Exchange Gas	710,350	NE	2,774,292	867,033
Purchased Gas Expenses				
Well Expenses--Purchased Gas	NE	NE	417,893	NE
Operation of Purchased Gas Measuring Stations	NE	NE	NE	NE
Maintenance of Purchased Gas Measuring Stations	NE	NE	NE	NE
Purchased Gas Calculations Expenses	NE	NE	104,665	NE
Other Purchased Gas Expenses	NE	NE	66,503	NE
Total Purchased Gas Expenses	NE	NE	589,061	NE
Gas Withdrawn from Underground Storage--Debit	NE	NE	14,704,161	130,313,680
(Less) Gas Delivered to Underground Storage	NE	NE	14,397,740	128,922,499
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	42,199,078	NE	6,250,172	1,157,934
Gas Used for Products Extraction--Credit	NE	NE	10,241,037	488,107
Gas Used for Other Utility Operations--Credit	3,814,762	NE	1,065,193	2,715,482
Total Gas Used in Utility Operations--Credit	46,013,840	NE	17,556,402	4,361,523
Other Gas Supply Expenses	NE	NE	2,118,378	3,816,311
Total Other Gas Supply Expenses	117,532,826	NE	168,859,096	750,006,903
Total Production Expenses	117,532,826	NE	192,433,902	752,506,883
Natural Gas Storage, Terminating, and				
Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	NE	NE	15,613	325,415
Maps and Records	NE	NE	523	NE
Wells Expenses	NE	NE	41,211	493,158
Lines Expenses	NE	NE	12,324	28,986
Compressor Station Expenses	NE	NE	227,151	1,325,005
Compressor Station Fuel and Power	NE	NE	311,857	41,753
Measuring and Regulating Station Expenses	NE	NE	34,482	65,390
Purification Expenses	NE	NE	48,820	8,002
Exploration and Development	NE	NE	NE	NE
Gas Losses	NE	NE	109,305	1,117,175
Other Expenses	NE	NE	41,055	10,836
Storage Well Royalties	NE	NE	163,819	229,819
Rents	NE	NE	4,749	NE
Total Operations Expenses	NE	NE	1,010,909	3,645,539
Maintenance Expenses				
Supervision and Engineering	NE	NE	23,150	278,261
Structures and Improvements	NE	NE	10,824	122,320
Reservoirs and Wells	NE	NE	52,220	375,060
Lines	NE	NE	-31	44,268
Compressor Station Equipment	NE	NE	53,940	958,525
Measuring and Regulating Station Equipment	NE	NE	2,708	37,760
Purification Equipment	NE	NE	1,801	NE
Other Equipment	NE	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	NE	NE	\$144,612	\$1,816,194
Total Underground Storage Expenses	NE	NE	1,155,521	5,461,733
Other Storage				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Other Storage Expenses	NE	NE	NE	NE
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	NE	NE	1,155,521	5,461,733
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	\$2,949,335	\$2,121,563	454,843	1,507,273
System Control and Load Dispatching	126,219	19,236	265,976	559,708
Communication System Expenses	23,978	218,723	60,400	675,062
Compressor Station Labor and Expenses	4,989,053	1,546,323	2,012,549	401,776
Gas for Compressor Station Fuel	42,199,078	NE	4,156,778	362,397
Other Fuel and Power for Compressor Stations	814,564	NE	NE	NE
Mains	4,243,111	5,729,517	1,313,972	1,172,643
Measuring and Regulating Station Expenses	550,383	7,143,071	1,008,733	510,987
Transmission and Compression of Gas by Others	4,337,464	NE	3,475,862	7,419,633
Other Transmission Expenses	NE	727,691	302,482	149,624
Rents	12,737	NE	16,508	17,413
Total Operation Expenses	60,245,922	17,506,124	13,068,103	12,776,516
Maintenance Expenses				
Supervision and Engineering	NE	NE	207,242	309,986
Structures and Improvements	117,216	859,139	42,889	56,704
Mains	161,376	206,476	604,129	509,409
Compressor Station Equipment	4,105,264	1,669,571	1,491,545	154,877
Measuring and Regulating Station Equipment	78,004	787	243,693	88,449
Communication Equipment	44,622	692,475	252,384	1,219,574
Other Equipment	NE	118,472	1,031	52,964
Total Maintenance Expenses	4,506,482	3,546,920	2,842,913	2,391,963
Total Transmission Expenses	64,752,404	21,053,044	15,911,016	15,168,479
Distribution Expenses				
Operation Expenses	NE	NE	11,330,210	23,721,744
Maintenance Expenses	NE	NE	2,376,637	12,996,849
Total Distribution Expenses	NE	NE	13,706,847	36,718,593
Customer Accounts Expenses				
Supervision	NE	NE	834,427	1,356,964
Meter Reading Expenses	NE	NE	1,427,102	5,913,602
Customer Records and Collection Expenses	NE	NE	3,663,159	32,879,644
Uncollectible Accounts	NE	NE	57,053	20,769,483
Miscellaneous Customer Accounts Expenses	NE	NE	437,027	3,919,134
Total Customer Accounts Expenses	NE	NE	6,418,768	64,838,827
Customer Service and Informational Expenses				
Supervision	NE	NE	68,698	313,046
Customer Assistance Expenses	NE	NE	181,934	5,790,317
Informational and Instructional Advertising Expenses	NE	NE	70,774	1,140,493
Miscellaneous Customer Service and Informational Expenses	NE	NE	147,769	910,503
Total Customer Service and Informational Expenses	NE	NE	469,175	8,154,359

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Sales Expenses				
Supervision	NE	NE	\$27,096	NE
Demonstrating and Selling Expenses	NE	NE	345,799	\$159,654
Advertising Expenses	NE	NE	60,166	NE
Miscellaneous Sales Expenses	NE	NE	NE	NE
Total Sales Expenses	NE	NE	433,061	159,654
Administrative and General Expenses				
Administrative and General Salaries	\$4,716,724	NE	8,600,949	29,767,066
Office Supplies and Expenses	1,185,006	-\$735	2,333,650	19,909,099
(Less) Administrative Expenses Transferred	NE	NE	795,944	4,151,359
Outside Services Employed	1,028,399	1,437,068	3,830,897	3,260,871
Property Insurance	413,578	1,171,275	1,539,174	1,313,026
Injuries and Damages	763,649	45,805	2,988,134	9,091,241
Employee Pensions and Benefits	1,142,283	NE	8,065,001	19,973,833
Franchise Requirements	NE	NE	NE	NE
Regulatory Commission Expenses	1,295,891	1,189,749	1,095,231	3,070,962
(Less) Duplicate Charges	NE	NE	NE	NE
General Advertising Expenses	NE	NE	122,120	NE
Miscellaneous General Expenses	728,435	NE	1,781,351	9,727,617
Rents	571,409	NE	790,155	2,794,239
Maintenance of General Plant	11,594	NE	516,114	1,210,575
Total Administrative and General Expenses	11,856,968	3,843,162	30,866,832	95,967,170
Total Gas Operation and Maintenance Expenses	194,142,198	24,896,206	261,395,122	978,975,698
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	NE	NE	NE
Production--Natural Gas (including exploration and development)	NE	NE	4,190,538	774,076
Other Gas Supply	NE	NE	NE	NE
Storage, LNG Terminaling and Processing	NE	NE	231,757	1,933,693
Transmission	6,206,080	NE	4,448,462	3,509,562
Distribution	NE	NE	10,121,169	15,856,483
Customer Accounts	NE	NE	4,108,137	25,989,072
Customer Service and Informational Expenses	NE	NE	370,166	2,757,614
Sales	NE	NE	271,775	NE
Administrative and General	4,716,724	NE	7,298,340	30,296,186
Allocation of Payroll Charged for Clearing Accounts	33,135	NE	3,141,388	19,841,038
Total Salaries and Wages	10,955,939	NE	34,181,732	100,957,724
Number of Gas Department Employees				
Regular Full-Time Employees	NE	NE	1,527	NE
Part-Time and Temporary Employees	NE	NE	15	NE
Total Gas Department Employees	NE	NE	1,542	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Production Expenses				
Manufactured Gas Production	NE	NE	NE	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	NE	NE	\$7,212	\$724,947
Production Maps and Records	NE	NE	NE	10,271
Gas Well Expenses	NE	NE	5,935	1,004,174
Field Lines Expenses	NE	NE	67,996	528,640
Field Compressor Station Expenses	NE	NE	3,901	75,034
Field Compressor Station Fuel and Power	NE	NE	2,214,183	18,322
Field Measuring and Regulating Station Expenses	NE	NE	NE	261,136
Purification Expenses	NE	NE	NE	31,365
Gas Well Royalties	NE	NE	-10,736	289,907
Other Expenses	NE	NE	-39,745	271,103
Rents	NE	NE	NE	26,576
Total Operation Expenses	NE	NE	2,248,746	3,241,475
Maintenance Expenses				
Supervision and Engineering	NE	NE	NE	99
Structures and Improvements	NE	NE	1,300	63,253
Producing Gas Wells	NE	NE	1,525	194,698
Field Lines	NE	NE	39,934	230,168
Field Compressor Station Equipment	NE	NE	1,589	25,354
Field Measuring and Regulating Station Equipment	NE	NE	NE	29,448
Purification Equipment	NE	NE	NE	5,348
Drilling and Cleaning Equipment	NE	NE	NE	40,264
Other Equipment	NE	NE	1,388	11,469
Total Maintenance Expenses	NE	NE	45,736	600,101
Total Natural Gas Production and Gathering Expenses	NE	NE	2,294,482	3,841,576
Products Extraction				
Operation Expenses				
Supervision and Engineering	NE	NE	864	712
Labor	NE	NE	5,861	26,784
Gas Shrinkage	NE	NE	51,609	NE
Fuel	NE	NE	52,813	5,976
Power	NE	NE	5,686	NE
Materials	NE	NE	NE	65
Supplies and Expenses	NE	NE	841	11,211
Gas Processed by Others	NE	NE	5,590	NE
Royalties on Products Extracted	NE	NE	NE	NE
Marketing Expenses	NE	NE	NE	506
Products Purchased for Resale	NE	NE	NE	NE
Variation on Product Inventory	NE	NE	NE	NE
(Less) Extracted Products Used by the Utility	NE	NE	NE	NE
Rents	NE	NE	NE	NE
Total Operation Expenses	NE	NE	123,264	45,254
Maintenance Expenses				
Supervision and Engineering	NE	NE	400	NE
Structures and Improvements	NE	NE	NE	1,288
Extraction and Refining Equipment	NE	NE	NE	8,070
Pipelines	NE	NE	NE	6,496
Extracted Products Storage Equipment	NE	NE	NE	742
Compressor Equipment	NE	NE	22	NE
Gas Measuring and Regulating Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	204	NE
Total Maintenance Expenses	NE	NE	626	16,596
Total Products Extraction Expenses	NE	NE	123,890	61,850
Exploration and Development				
Delay Rentals	NE	NE	NE	1,710
Nonproductive Well Drilling	NE	NE	NE	6,033
Abandoned Leases	NE	NE	NE	NE
Other Exploration	NE	NE	NE	NE
Total Exploration and Development Expenses	NE	NE	NE	7,743

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	NE	NE	\$90,665,438	\$6,989,718
Natural Gas Wellhead Purchases, Intracompany				
Transfers	NE	NE	NE	12,344,435
Natural Gas Field Line Purchases	NE	NE	194,284,838	217,905,730
Natural Gas Gasoline Plant Outlet Purchases	NE	NE	14,918,597	NE
Natural Gas Transmission Line Purchases	\$96,769,736	\$359,295,576	67,281,149	173,751,068
Natural Gas City Gate Purchases	NE	NE	NE	NE
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	NE	NE	NE	NE
(Less) Purchased Gas Cost Adjustments	NE	2,310,596	15,154,235	9,345,965
(Less) Incremental Gas Cost Adjustments	NE	NE	NE	NE
Total Purchased Gas	96,769,736	356,984,980	351,995,787	401,644,986
Exchange Gas	NE	-343,669	-340,187	NE
Purchased Gas Expenses				
Well Expenses--Purchased Gas	NE	NE	NE	318
Operation of Purchased Gas Measuring Stations	NE	NE	NE	173,362
Maintenance of Purchased Gas Measuring Stations	NE	NE	NE	59,740
Purchased Gas Calculations Expenses	NE	NE	189,704	361,943
Other Purchased Gas Expenses	NE	NE	1,007	484,258
Total Purchased Gas Expenses	NE	NE	190,711	1,079,621
Gas Withdrawn from Underground Storage--Debit	77,698	-2,417,192	62,974,720	78,685,341
(Less) Gas Delivered to Underground Storage	NE	NE	63,960,514	103,290,254
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	-2,113,207	2,352,721	6,178,944	2,321,574
Gas Used for Products Extraction--Credit	NE	NE	104,422	5,976
Gas Used for Other Utility Operations--Credit	2,568,303	190,435	330,929	344,296
Total Gas Used in Utility Operations--Credit	455,096	2,543,156	6,614,295	2,671,846
Other Gas Supply Expenses	NE	2,883,401	NE	380
Total Other Gas Supply Expenses	96,392,338	354,564,364	344,246,222	375,448,228
Total Production Expenses	96,392,338	354,564,364	346,664,594	379,359,397
Natural Gas Storage, Terminating, and Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	210,749	NE	68,733	1,139,743
Maps and Records	NE	NE	NE	55,323
Wells Expenses	179,079	NE	93,668	638,103
Lines Expenses	154,681	NE	84,552	817,161
Compressor Station Expenses	331,680	NE	305,935	1,038,160
Compressor Station Fuel and Power	2,369,921	NE	1,422,303	1,053,372
Measuring and Regulating Station Expenses	NE	943	NE	399,005
Purification Expenses	NE	NE	NE	NE
Exploration and Development	NE	NE	NE	80
Gas Losses	NE	-88,324	251,092	1,468,012
Other Expenses	269,970	NE	41,672	632,512
Storage Well Royalties	3,918	NE	12,436	434,295
Rents	6,943	NE	2,102,134	11,063
Total Operations Expenses	3,526,941	-87,381	4,382,525	7,686,829
Maintenance Expenses				
Supervision and Engineering	156,742	NE	21,482	82,295
Structures and Improvements	128,753	NE	268	239,086
Reservoirs and Wells	187,315	NE	29,481	496,440
Lines	99,172	NE	23,312	211,031
Compressor Station Equipment	548,756	NE	338,314	525,996
Measuring and Regulating Station Equipment	NE	NE	128	19,861
Purification Equipment	NE	NE	NE	11,168
Other Equipment	NE	NE	5,941	-6,647

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	\$1,120,738	NE	\$418,926	\$1,579,230
Total Underground Storage Expenses	4,647,679	-\$87,381	4,801,451	9,266,059
Other Storage				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Other Storage Expenses	NE	NE	NE	NE
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	4,647,679	-87,381	4,801,451	9,266,059
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	204,997	2,298,025	1,973,693	1,677,789
System Control and Load Dispatching	472,524	658,332	303,217	1,343,430
Communication System Expenses	29,593	315,667	419,439	NE
Compressor Station Labor and Expenses	337,569	3,142,168	1,418,590	1,026,167
Gas for Compressor Station Fuel	-4,378,816	2,352,721	2,946,265	1,282,505
Other Fuel and Power for Compressor Stations	69,265	150,810	113,236	61,386
Mains	2,655,166	1,124,673	1,339,709	3,037,446
Measuring and Regulating Station Expenses	611,302	404,119	NE	895,425
Transmission and Compression of Gas by Others	NE	478,861	15,636,346	4,509,671
Other Transmission Expenses	25,613	NE	NE	242,451
Rents	6,855	128,122	32,678	10,358
Total Operation Expenses	34,068	11,053,498	24,183,173	14,086,628
Maintenance Expenses				
Supervision and Engineering	176,064	71,308	NE	96,460
Structures and Improvements	46,569	206,784	25,108	205,962
Mains	197,717	610,585	1,274,656	386,255
Compressor Station Equipment	250,865	763,571	952,001	734,561
Measuring and Regulating Station Equipment	245,386	51,822	10,904	NE
Communication Equipment	14,593	78,994	83,850	393,959
Other Equipment	NE	12,058	17,019	10,274
Total Maintenance Expenses	931,194	1,795,122	2,363,538	1,827,471
Total Transmission Expenses	965,262	12,848,620	26,546,711	15,914,099
Distribution Expenses				
Operation Expenses	NE	NE	179,167	NE
Maintenance Expenses	NE	NE	83,282	NE
Total Distribution Expenses	NE	NE	262,449	NE
Customer Accounts Expenses				
Supervision	NE	NE	80,228	NE
Meter Reading Expenses	NE	NE	278,523	NE
Customer Records and Collection Expenses	NE	NE	58,108	NE
Uncollectible Accounts	NE	NE	NE	NE
Miscellaneous Customer Accounts Expenses	NE	NE	21,505	NE
Total Customer Accounts Expenses	NE	NE	438,364	NE
Customer Service and Informational Expenses				
Supervision	NE	NE	NE	NE
Customer Assistance Expenses	NE	NE	NE	NE
Informational and Instructional Advertising Expenses	NE	NE	NE	NE
Miscellaneous Customer Service and Informational Expenses	NE	NE	NE	NE
Total Customer Service and Informational Expenses	NE	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Sales Expenses				
Supervision	NE	NE	NE	NE
Demonstrating and Selling Expenses	NE	NE	NE	NE
Advertising Expenses	NE	NE	NE	NE
Miscellaneous Sales Expenses	NE	NE	NE	NE
Total Sales Expenses	NE	NE	NE	NE
Administrative and General Expenses				
Administrative and General Salaries	-\$1,889	\$2,955,765	\$3,169,233	\$5,213,851
Office Supplies and Expenses	-47	708,391	1,655,870	2,898,409
(Less) Administrative Expenses Transferred	NE	NE	NE	382,274
Outside Services Employed	333,405	1,081,166	6,516,175	976,735
Property Insurance	72,701	85,896	138,147	98,036
Injuries and Damages	39,431	32,398	76,057	934,702
Employee Pensions and Benefits	394,015	1,209,807	3,924,760	3,216,919
Franchise Requirements	NE	NE	NE	9
Regulatory Commission Expenses	621,152	592,800	1,767,968	908,016
(Less) Duplicate Charges	NE	NE	NE	-49
General Advertising Expenses	NE	977	NE	66,972
Miscellaneous General Expenses	37,543	2,044,911	119,462	3,552,051
Rents	NE	204,883	NE	492,079
Maintenance of General Plant	NE	NE	245,987	852,227
Total Administrative and General Expenses	1,496,311	8,916,994	17,613,659	18,827,781
Total Gas Operation and Maintenance Expenses	103,501,590	376,242,597	396,327,228	423,367,336
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	NE	NE	NE
Production--Natural Gas (including exploration and development)	NE	NE	NE	1,930,898
Other Gas Supply	NE	NE	NE	612,741
Storage, LNG Terminating and Processing	1,085,183	796	NE	4,108,244
Transmission	NE	6,473,249	NE	5,558,816
Distribution	949,414	NE	NE	NE
Customer Accounts	NE	NE	NE	NE
Customer Service and Informational Expenses	NE	NE	NE	NE
Sales	NE	NE	NE	NE
Administrative and General	10,773	2,955,765	NE	4,870,311
Allocation of Payroll Charged for Clearing Accounts	NE	295,033	NE	1,284,414
Total Salaries and Wages	2,045,370	9,724,843	NE	18,365,424
Number of Gas Department Employees				
Regular Full-Time Employees	NE	NE	359	NE
Part-Time and Temporary Employees	NE	NE	13	NE
Total Gas Department Employees	NE	NE	372	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Production Expenses				
Manufactured Gas Production	NE	NE	NE	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	\$548,925	NE	NE	\$5,025,651
Production Maps and Records	NE	NE	NE	NE
Gas Well Expenses	187,624	NE	NE	2,404,163
Field Lines Expenses	1,397,346	NE	NE	3,661,299
Field Compressor Station Expenses	1,149,412	NE	NE	960,167
Field Compressor Station Fuel and Power	1,123,768	NE	NE	3,359,857
Field Measuring and Regulating Station Expenses	1,312,225	NE	NE	2,056,281
Purification Expenses	4,981,827	NE	NE	4,715,205
Gas Well Royalties	-1,227,278	NE	NE	24,551,460
Other Expenses	NE	NE	NE	1,434,594
Rents	3,389	NE	NE	NE
Total Operation Expenses	9,477,238	NE	NE	48,168,677
Maintenance Expenses				
Supervision and Engineering	53,974	NE	NE	1,589,063
Structures and Improvements	183,286	NE	NE	37,197
Producing Gas Wells	13,961	NE	NE	59,062
Field Lines	485,983	NE	NE	859,859
Field Compressor Station Equipment	1,342,990	NE	NE	1,711,965
Field Measuring and Regulating Station Equipment	86,921	NE	NE	124,847
Purification Equipment	NE	NE	NE	1,217,589
Drilling and Cleaning Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	NE	NE
Total Maintenance Expenses	2,167,115	NE	NE	5,599,582
Total Natural Gas Production and Gathering Expenses	11,644,353	NE	NE	53,768,259
Products Extraction				
Operation Expenses				
Supervision and Engineering	NE	NE	NE	968,700
Labor	NE	NE	NE	968,666
Gas Shrinkage	NE	NE	NE	24,201,661
Fuel	NE	NE	NE	4,442,459
Power	NE	NE	NE	425,778
Materials	NE	NE	NE	298,817
Supplies and Expenses	NE	NE	NE	128,461
Gas Processed by Others	75	NE	NE	6,384,307
Royalties on Products Extracted	NE	NE	NE	NE
Marketing Expenses	NE	NE	NE	1,430,034
Products Purchased for Resale	NE	NE	NE	2,465,757
Variation on Product Inventory	NE	NE	NE	140,001
(Less) Extracted Products Used by the Utility	NE	NE	NE	13,998
Rents	NE	NE	NE	21,620
Total Operation Expenses	75	NE	NE	41,862,263
Maintenance Expenses				
Supervision and Engineering	NE	NE	NE	1,114,530
Structures and Improvements	NE	NE	NE	705,724
Extraction and Refining Equipment	NE	NE	NE	1,805,496
Pipelines	NE	NE	NE	NE
Extracted Products Storage Equipment	NE	NE	NE	25,021
Compressor Equipment	NE	NE	NE	770,299
Gas Measuring and Regulating Equipment	NE	NE	NE	50,386
Other Equipment	NE	NE	NE	58,314
Total Maintenance Expenses	NE	NE	NE	4,529,770
Total Products Extraction Expenses	75	NE	NE	46,392,033
Exploration and Development				
Delay Rentals	NE	NE	NE	2,699
Nonproductive Well Drilling	NE	NE	NE	NE
Abandoned Leases	NE	NE	NE	NE
Other Exploration	NE	NE	NE	NE
Total Exploration and Development Expenses	NE	NE	NE	2,699

See footnotes at end of table.

Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	\$90,252,342	NE	NE	\$84,207,278
Natural Gas Wellhead Purchases, Intracompany				
Transfers	6,191,863	NE	NE	45,571,530
Natural Gas Field Line Purchases	238,158,711	NE	NE	25,680,718
Natural Gas Gasoline Plant Outlet Purchases	222,786,004	NE	NE	18,026,134
Natural Gas Transmission Line Purchases	163,707,631	NE	\$425,029,833	106,234,220
Natural Gas City Gate Purchases	NE	NE	NE	NE
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	33,202,700	NE	NE	NE
(Less) Purchased Gas Cost Adjustments	-37,357,514	NE	NE	2,830,772
(Less) Incremental Gas Cost Adjustments	NE	NE	NE	NE
Total Purchased Gas	791,656,765	NE	425,029,833	277,089,108
Exchange Gas	29,856,159	NE	NE	-8,847,661
Purchased Gas Expenses				
Well Expenses--Purchased Gas	NE	NE	NE	NE
Operation of Purchased Gas Measuring Stations	NE	NE	NE	NE
Maintenance of Purchased Gas Measuring Stations	NE	NE	NE	NE
Purchased Gas Calculations Expenses	NE	NE	NE	NE
Other Purchased Gas Expenses	NE	NE	NE	NE
Total Purchased Gas Expenses	NE	NE	NE	NE
Gas Withdrawn from Underground Storage--Debit	107,751,644	NE	NE	50,517,528
(Less) Gas Delivered to Underground Storage	85,929,271	NE	NE	51,491,593
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	18,795,126	NE	NE	9,757,368
Gas Used for Products Extraction--Credit	NE	NE	NE	28,626,236
Gas Used for Other Utility Operations--Credit	7,889,548	NE	NE	-1,283,870
Total Gas Used in Utility Operations--Credit	26,684,674	NE	NE	37,099,734
Other Gas Supply Expenses	537,751,148	NE	5,199,336	30,423,724
Total Other Gas Supply Expenses	1,354,401,771	NE	430,229,169	260,591,372
Total Production Expenses	1,366,046,199	NE	430,229,169	360,754,363
Natural Gas Storage, Terminating, and Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	957,498	NE	NE	NE
Maps and Records	NE	NE	NE	NE
Wells Expenses	1,347,004	NE	NE	194
Lines Expenses	417,695	NE	NE	NE
Compressor Station Expenses	4,163,031	NE	NE	NE
Compressor Station Fuel and Power	2,590,799	NE	NE	411,538
Measuring and Regulating Station Expenses	40,926	NE	NE	NE
Purification Expenses	995,540	NE	NE	76,044
Exploration and Development	NE	NE	NE	NE
Gas Losses	NE	NE	NE	16,507
Other Expenses	23,089,635	NE	NE	6,605,460
Storage Well Royalties	11,965	NE	NE	NE
Rents	296,279	NE	NE	NE
Total Operations Expenses	33,910,372	NE	NE	7,109,743
Maintenance Expenses				
Supervision and Engineering	2,608	NE	NE	NE
Structures and Improvements	237,775	NE	NE	NE
Reservoirs and Wells	825,148	NE	NE	NE
Lines	445,246	NE	NE	NE
Compressor Station Equipment	2,264,762	NE	NE	NE
Measuring and Regulating Station Equipment	32,698	NE	NE	NE
Purification Equipment	511,964	NE	NE	NE
Other Equipment	61,080	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	\$4,381,281	NE	NE	NE
Total Underground Storage Expenses	38,291,653	NE	NE	\$7,109,743
Other Storage				
Operation Expenses	NE	NE	NE	1,530,730
Maintenance Expenses	NE	NE	NE	494,437
Total Other Storage Expenses	NE	NE	NE	2,025,167
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	38,291,653	NE	NE	9,134,910
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	8,134,773	\$738,310	NE	4,520,548
System Control and Load Dispatching	576,654	NE	NE	1,016,549
Communication System Expenses	802,478	486,366	NE	558,999
Compressor Station Labor and Expenses	13,971,753	508,821	NE	1,789,334
Gas for Compressor Station Fuel	14,784,854	NE	NE	89,957
Other Fuel and Power for Compressor Stations	NE	NE	NE	98,089
Mains	7,340,485	1,349,754	NE	2,750,297
Measuring and Regulating Station Expenses	4,317,044	73,182	NE	900,109
Transmission and Compression of Gas by Others	115,938,521	NE	NE	4,550,213
Other Transmission Expenses	3,292,142	82,162	NE	NE
Rents	876,240	30,075	NE	NE
Total Operation Expenses	170,034,944	3,268,670	NE	16,274,095
Maintenance Expenses				
Supervision and Engineering	29,157	996	NE	1,983,425
Structures and Improvements	1,992,901	47,527	NE	162,390
Mains	3,733,512	79,930	NE	1,524,788
Compressor Station Equipment	15,548,336	152,468	NE	2,254,578
Measuring and Regulating Station Equipment	659,483	15,408	NE	254,881
Communication Equipment	1,542,875	147,656	NE	242
Other Equipment	561,052	646	NE	61,774
Total Maintenance Expenses	24,067,316	444,631	NE	6,242,078
Total Transmission Expenses	194,102,260	3,713,301	NE	22,516,173
Distribution Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Distribution Expenses	NE	NE	NE	NE
Customer Accounts Expenses				
Supervision	NE	NE	NE	NE
Meter Reading Expenses	NE	NE	NE	NE
Customer Records and Collection Expenses	NE	NE	NE	NE
Uncollectible Accounts	NE	NE	NE	NE
Miscellaneous Customer Accounts Expenses	NE	NE	NE	NE
Total Customer Accounts Expenses	NE	NE	NE	NE
Customer Service and Informational Expenses				
Supervision	NE	NE	NE	NE
Customer Assistance Expenses	NE	NE	NE	NE
Informational and Instructional Advertising Expenses	NE	13,819	NE	NE
Miscellaneous Customer Service and Informational Expenses	NE	NE	NE	NE
Total Customer Service and Informational Expenses	NE	13,819	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Sales Expenses				
Supervision	NE	NE	NE	NE
Demonstrating and Selling Expenses	NE	\$189,243	NE	NE
Advertising Expenses	NE	NE	NE	NE
Miscellaneous Sales Expenses	NE	NE	NE	NE
Total Sales Expenses	NE	189,243	NE	NE
Administrative and General Expenses				
Administrative and General Salaries	\$48,701,220	2,564,367	\$6,710	\$14,269,902
Office Supplies and Expenses	45,978,332	784,162	36,610	17,377,156
(Less) Administrative Expenses Transferred	2,640,150	NE	NE	1,854,047
Outside Services Employed	10,156,450	704,316	164,328	11,827,287
Property Insurance	2,004,716	133,098	NE	965,950
Injuries and Damages	2,685,395	288,590	NE	589,981
Employee Pensions and Benefits	6,388,753	1,097,283	10,348	5,226,558
Franchise Requirements	NE	NE	NE	NE
Regulatory Commission Expenses	3,042,169	467,498	NE	1,890,455
(Less) Duplicate Charges	NE	NE	NE	NE
General Advertising Expenses	325	24,763	NE	7,630
Miscellaneous General Expenses	17,458,347	3,760,192	4,708	4,944,278
Rents	8,223,040	399,183	NE	21,276
Maintenance of General Plant	258,319	NE	NE	127,299
Total Administrative and General Expenses	142,256,916	10,223,452	222,704	55,393,725
Total Gas Operation and Maintenance Expenses	1,740,697,028	14,139,815	430,451,873	447,799,171
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	NE	NE	NE
Production--Natural Gas (including exploration and development)	3,874,590	NE	NE	11,782,766
Other Gas Supply	781,566	NE	NE	175
Storage, LNG Terminating and Processing	4,355,909	NE	NE	612,705
Transmission	31,050,253	NE	NE	7,264,270
Distribution	NE	NE	NE	NE
Customer Accounts	NE	NE	NE	NE
Customer Service and Informational Expenses	NE	NE	NE	NE
Sales	NE	NE	NE	NE
Administrative and General	49,241,395	NE	3,117	14,269,902
Allocation of Payroll Charged for Clearing Accounts	936,267	NE	NE	2,125,609
Total Salaries and Wages	90,239,980	NE	3,117	36,055,427
Number of Gas Department Employees				
Regular Full-Time Employees	NE	NE	NE	966
Part-Time and Temporary Employees	NE	NE	NE	25
Total Gas Department Employees	NE	NE	NE	991

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Production Expenses				
Manufactured Gas Production	NE	NE	NE	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	NE	NE	\$2,057,587	\$1,198,265
Production Maps and Records	NE	NE	NE	89,060
Gas Well Expenses	NE	NE	NE	55
Field Lines Expenses	NE	\$90,688	4,664,982	394,553
Field Compressor Station Expenses	NE	NE	4,127,760	473,121
Field Compressor Station Fuel and Power	NE	NE	10,091,715	430,382
Field Measuring and Regulating Station Expenses	NE	1,106	NE	1,904,342
Purification Expenses	NE	NE	95,921	227,790
Gas Well Royalties	NE	NE	NE	NE
Other Expenses	NE	NE	3,742,204	1,149,354
Rents	NE	NE	71,630	-15,344
Total Operation Expenses	NE	91,794	24,851,799	5,851,578
Maintenance Expenses				
Supervision and Engineering	NE	NE	1,314,798	109,381
Structures and Improvements	NE	NE	184,947	8,800
Producing Gas Wells	NE	NE	NE	234
Field Lines	NE	88,103	727,213	153,363
Field Compressor Station Equipment	NE	NE	2,473,356	870,816
Field Measuring and Regulating Station Equipment	NE	1,068	NE	770,445
Purification Equipment	NE	NE	15,951	96,603
Drilling and Cleaning Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	55,061	NE
Total Maintenance Expenses	NE	89,171	4,771,326	2,009,642
Total Natural Gas Production and Gathering Expenses	NE	180,965	29,623,125	7,861,220
Products Extraction				
Operation Expenses				
Supervision and Engineering	NE	NE	2,058	NE
Labor	NE	NE	2,181	NE
Gas Shrinkage	NE	NE	NE	NE
Fuel	NE	NE	244,741	NE
Power	NE	NE	NE	NE
Materials	NE	NE	NE	NE
Supplies and Expenses	NE	NE	34,156	NE
Gas Processed by Others	NE	NE	NE	NE
Royalties on Products Extracted	NE	NE	NE	NE
Marketing Expenses	NE	NE	NE	NE
Products Purchased for Resale	NE	NE	NE	NE
Variation on Product Inventory	NE	NE	NE	NE
(Less) Extracted Products Used by the Utility	NE	NE	NE	NE
Rents	NE	NE	NE	NE
Total Operation Expenses	NE	NE	283,136	NE
Maintenance Expenses				
Supervision and Engineering	NE	NE	8,230	NE
Structures and Improvements	NE	NE	NE	NE
Extraction and Refining Equipment	NE	NE	11,838	NE
Pipelines	NE	NE	NE	NE
Extracted Products Storage Equipment	NE	NE	NE	NE
Compressor Equipment	NE	NE	78,329	NE
Gas Measuring and Regulating Equipment	NE	NE	-451	NE
Other Equipment	NE	NE	NE	NE
Total Maintenance Expenses	NE	NE	97,946	NE
Total Products Extraction Expenses	NE	NE	381,082	NE
Exploration and Development				
Delay Rentals	NE	NE	NE	NE
Nonproductive Well Drilling	NE	NE	NE	NE
Abandoned Leases	NE	NE	NE	NE
Other Exploration	NE	NE	NE	NE
Total Exploration and Development Expenses	NE	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	NE	\$7,071,440	\$79,524,380	\$60,291,288
Natural Gas Wellhead Purchases, Intracompany				
Transfers	NE	NE	NE	NE
Natural Gas Field Line Purchases	NE	NE	10,891,517	34,042,134
Natural Gas Gasoline Plant Outlet Purchases	NE	NE	41,789,328	23,352,464
Natural Gas Transmission Line Purchases	NE	719,190,503	118,116,788	11,457,712
Natural Gas City Gate Purchases	NE	NE	NE	NE
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	NE	NE	NE	NE
(Less) Purchased Gas Cost Adjustments	NE	NE	-25,274,252	9,522,506
(Less) Incremental Gas Cost Adjustments	NE	NE	NE	NE
Total Purchased Gas	NE	726,261,943	275,596,265	119,621,092
Exchange Gas	NE	NE	6,181,629	939,366
Purchased Gas Expenses				
Well Expenses--Purchased Gas	NE	NE	NE	NE
Operation of Purchased Gas Measuring Stations	NE	NE	4,998,365	699,893
Maintenance of Purchased Gas Measuring Stations	NE	NE	459,969	184,971
Purchased Gas Calculations Expenses	NE	NE	564,703	148,989
Other Purchased Gas Expenses	NE	NE	5,670,895	4,420
Total Purchased Gas Expenses	NE	NE	11,693,932	1,038,273
Gas Withdrawn from Underground Storage--Debit	NE	NE	90,287,254	17,155,626
(Less) Gas Delivered to Underground Storage	NE	NE	141,356,382	15,178,661
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	NE	26,502,037	361,262	2,150,763
Gas Used for Products Extraction--Credit	NE	NE	NE	NE
Gas Used for Other Utility Operations--Credit	NE	NE	8,281,027	699,692
Total Gas Used in Utility Operations--Credit	NE	26,502,037	8,642,289	2,850,455
Other Gas Supply Expenses	NE	159,678	203,509,223	26
Total Other Gas Supply Expenses	NE	699,919,584	437,269,632	120,725,267
Total Production Expenses	NE	700,100,549	467,273,839	128,586,487
Natural Gas Storage, Terminating, and				
Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	NE	NE	555,549	45,673
Maps and Records	NE	NE	-1,547	1,307
Wells Expenses	NE	NE	-7,211	201,462
Lines Expenses	NE	NE	261,405	18,261
Compressor Station Expenses	NE	NE	588,192	400,147
Compressor Station Fuel and Power	NE	NE	1,509,796	410
Measuring and Regulating Station Expenses	NE	NE	114,257	65,462
Purification Expenses	NE	NE	56,529	475,192
Exploration and Development	NE	NE	NE	NE
Gas Losses	NE	NE	611,725	70,598
Other Expenses	NE	NE	17,756,357	3,085,049
Storage Well Royalties	NE	NE	138,063	71,735
Rents	NE	NE	NE	11,816
Total Operations Expenses	NE	NE	21,583,115	4,447,112
Maintenance Expenses				
Supervision and Engineering	NE	NE	257,198	3,145
Structures and Improvements	NE	NE	74,899	8,761
Reservoirs and Wells	NE	NE	187,971	90,060
Lines	NE	NE	97,418	12,995
Compressor Station Equipment	NE	NE	285,477	695,991
Measuring and Regulating Station Equipment	NE	NE	74,850	52,433
Purification Equipment	NE	NE	40,597	268,399
Other Equipment	NE	NE	10,317	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	NE	NE	\$1,028,727	\$1,131,784
Total Underground Storage Expenses	NE	NE	22,611,842	5,578,896
Other Storage				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Other Storage Expenses	NE	NE	NE	NE
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	NE	NE	22,611,842	5,578,896
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	-\$39,806	\$1,470,663	9,664,488	2,201,206
System Control and Load Dispatching	117,755	517,977	1,091,836	819,068
Communication System Expenses	134,000	179,579	1,768,901	900,010
Compressor Station Labor and Expenses	NE	2,269,810	18,047,998	801,419
Gas for Compressor Station Fuel	NE	26,502,037	-7,899,955	1,719,570
Other Fuel and Power for Compressor Stations	NE	NE	NE	NE
Mains	54,325	241,205	5,784,102	1,105,677
Measuring and Regulating Station Expenses	170,348	222,770	1,726,750	877,323
Transmission and Compression of Gas by Others	NE	815,081	52,609,842	2,851,564
Other Transmission Expenses	2,339	1,161,949	1,513,844	64,861
Rents	-21,178	2,015	209,957	18,781
Total Operation Expenses	417,783	33,383,086	84,517,763	11,359,479
Maintenance Expenses				
Supervision and Engineering	NE	392,444	4,543,153	172,712
Structures and Improvements	1,021	208,671	1,079,372	30,948
Mains	1,249	358,648	3,440,711	300,072
Compressor Station Equipment	NE	4,730,933	10,972,134	1,360,910
Measuring and Regulating Station Equipment	39,125	81,524	792,370	262,406
Communication Equipment	NE	87,700	237,170	190,308
Other Equipment	3,674	27,263	194,992	1,160
Total Maintenance Expenses	45,069	5,887,183	21,259,902	2,318,516
Total Transmission Expenses	462,852	39,270,269	105,777,665	13,677,995
Distribution Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Distribution Expenses	NE	NE	NE	NE
Customer Accounts Expenses				
Supervision	NE	NE	294,235	NE
Meter Reading Expenses	NE	NE	28,320	NE
Customer Records and Collection Expenses	NE	NE	447,710	NE
Uncollectible Accounts	NE	NE	NE	NE
Miscellaneous Customer Accounts Expenses	NE	NE	NE	NE
Total Customer Accounts Expenses	NE	NE	770,265	NE
Customer Service and Informational Expenses				
Supervision	NE	NE	NE	NE
Customer Assistance Expenses	NE	NE	NE	NE
Informational and Instructional Advertising Expenses	NE	NE	NE	NE
Miscellaneous Customer Service and Informational Expenses	NE	NE	NE	NE
Total Customer Service and Informational Expenses	NE	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Sales Expenses				
Supervision	NE	NE	NE	NE
Demonstrating and Selling Expenses	NE	NE	\$2,378,059	NE
Advertising Expenses	NE	NE	153,035	NE
Miscellaneous Sales Expenses	NE	NE	9,037	NE
Total Sales Expenses	NE	NE	2,540,131	NE
Administrative and General Expenses				
Administrative and General Salaries	\$243,221	\$4,809,550	16,636,897	\$4,320,459
Office Supplies and Expenses	249	965,832	10,184,230	4,999,870
(Less) Administrative Expenses Transferred	NE	141,835	1,308,957	1,217,490
Outside Services Employed	39,367	1,111,217	9,229,426	176,705
Property Insurance	16,541	348,000	1,253,779	529,350
Injuries and Damages	NE	343,399	2,362,431	702,909
Employee Pensions and Benefits	NE	1,822,367	6,026,725	1,609,927
Franchise Requirements	NE	NE	NE	NE
Regulatory Commission Expenses	130,514	1,817,563	1,879,585	1,267,826
(Less) Duplicate Charges	NE	NE	NE	NE
General Advertising Expenses	NE	44,480	430,231	29,110
Miscellaneous General Expenses	NE	6,260,566	10,995,799	3,758,720
Rents	NE	1,182,376	5,696,724	677,517
Maintenance of General Plant	NE	NE	413,601	3,128
Total Administrative and General Expenses	429,892	18,563,515	63,800,471	16,858,031
Total Gas Operation and Maintenance Expenses	892,744	757,934,333	662,774,213	164,701,409
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	NE	NE	NE
Production--Natural Gas (including exploration and development)	NE	NE	10,106,870	1,509,384
Other Gas Supply	NE	NE	9,271,280	440,174
Storage, LNG Terminaling and Processing	NE	NE	1,848,146	768,511
Transmission	NE	4,466,703	35,320,014	3,549,536
Distribution	NE	NE	NE	NE
Customer Accounts	NE	NE	679,112	NE
Customer Service and Informational Expenses	NE	NE	NE	NE
Sales	NE	NE	1,658,998	NE
Administrative and General	NE	4,877,268	15,995,188	3,155,258
Allocation of Payroll Charged for Clearing Accounts	NE	845,479	1,908,060	3,219,124
Total Salaries and Wages	NE	10,189,450	76,787,668	12,641,987
Number of Gas Department Employees				
Regular Full-Time Employees	NE	218	2,500	NE
Part-Time and Temporary Employees	NE	3	3	NE
Total Gas Department Employees	NE	221	2,503	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Production Expenses				
Manufactured Gas Production	NE	NE	NE	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	NE	\$90,017	NE	\$378,405
Production Maps and Records	NE	2,247	NE	NE
Gas Well Expenses	NE	NE	NE	600,087
Field Lines Expenses	NE	42,213	NE	NE
Field Compressor Station Expenses	\$4,172	392,894	NE	181,891
Field Compressor Station Fuel and Power	NE	1,585,738	NE	351
Field Measuring and Regulating Station Expenses	NE	219	NE	NE
Purification Expenses	NE	146,815	NE	15,929
Gas Well Royalties	NE	NE	NE	178,047
Other Expenses	NE	45,000	NE	301,876
Rents	19,901	1,750	NE	38,827
Total Operation Expenses	24,073	2,306,893	NE	1,695,413
Maintenance Expenses				
Supervision and Engineering	NE	21,950	NE	4,112
Structures and Improvements	NE	29,587	NE	NE
Producing Gas Wells	NE	NE	NE	945,021
Field Lines	NE	30,002	NE	NE
Field Compressor Station Equipment	NE	125,471	NE	26,884
Field Measuring and Regulating Station Equipment	NE	NE	NE	NE
Purification Equipment	NE	62,494	NE	26,424
Drilling and Cleaning Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	NE	901
Total Maintenance Expenses	NE	269,504	NE	1,003,342
Total Natural Gas Production and Gathering Expenses	24,073	2,576,397	NE	2,698,755
Products Extraction				
Operation Expenses				
Supervision and Engineering	NE	NE	NE	369
Labor	NE	NE	NE	8,907
Gas Shrinkage	NE	NE	NE	NE
Fuel	NE	NE	NE	NE
Power	NE	NE	NE	NE
Materials	NE	NE	NE	NE
Supplies and Expenses	NE	NE	NE	8,044
Gas Processed by Others	NE	4,679,167	NE	NE
Royalties on Products Extracted	NE	NE	NE	NE
Marketing Expenses	NE	NE	NE	NE
Products Purchased for Resale	NE	NE	NE	NE
Variation on Product Inventory	NE	NE	NE	NE
(Less) Extracted Products Used by the Utility	NE	NE	NE	NE
Rents	NE	NE	NE	-2
Total Operation Expenses	NE	4,679,167	NE	17,318
Maintenance Expenses				
Supervision and Engineering	NE	NE	NE	3
Structures and Improvements	NE	NE	NE	NE
Extraction and Refining Equipment	NE	NE	NE	NE
Pipelines	NE	NE	NE	NE
Extracted Products Storage Equipment	NE	NE	NE	NE
Compressor Equipment	NE	NE	NE	NE
Gas Measuring and Regulating Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	NE	34
Total Maintenance Expenses	NE	NE	NE	37
Total Products Extraction Expenses	NE	4,679,167	NE	17,355
Exploration and Development				
Delay Rentals	NE	NE	NE	NE
Nonproductive Well Drilling	NE	NE	NE	NE
Abandoned Leases	NE	NE	NE	NE
Other Exploration	NE	NE	NE	94,289
Total Exploration and Development Expenses	NE	NE	NE	94,289

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	-\$976,694	\$16,186,210	NE	NE
Natural Gas Wellhead Purchases, Intracompany				
Transfers	NE	NE	NE	NE
Natural Gas Field Line Purchases	11,204,182	317,818,037	NE	\$772,708,308
Natural Gas Gasoline Plant Outlet Purchases	NE	13,600,963	NE	61,430,611
Natural Gas Transmission Line Purchases	NE	44,381,172	NE	70,871,576
Natural Gas City Gate Purchases	NE	NE	NE	NE
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	NE	NE	NE	46,928,041
(Less) Purchased Gas Cost Adjustments	-3,623,455	-24,406,321	NE	35,930,945
(Less) Incremental Gas Cost Adjustments	NE	NE	NE	NE
Total Purchased Gas	13,850,943	416,392,703	NE	916,007,591
Exchange Gas	-1,725,296	10,293,761	NE	-32,637,332
Purchased Gas Expenses				
Well Expenses--Purchased Gas	NE	NE	NE	NE
Operation of Purchased Gas Measuring Stations	988,184	2,062,627	NE	NE
Maintenance of Purchased Gas Measuring Stations	185,665	232,051	NE	NE
Purchased Gas Calculations Expenses	46,165	126,536	NE	NE
Other Purchased Gas Expenses	712,472	2,140,979	NE	2,306,001
Total Purchased Gas Expenses	1,932,486	4,562,193	NE	2,306,001
Gas Withdrawn from Underground Storage--Debit	NE	131,591,501	NE	150,865,639
(Less) Gas Delivered to Underground Storage	NE	112,005,241	NE	186,792,019
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	1,745,131	3,013,035	NE	87,292,125
Gas Used for Products Extraction--Credit	NE	4,679,167	NE	NE
Gas Used for Other Utility Operations--Credit	-1,544,690	833,158	NE	2,047,142
Total Gas Used in Utility Operations--Credit	200,441	8,525,360	NE	89,339,267
Other Gas Supply Expenses	-1,294,276	5,645,847	NE	170,734,724
Total Other Gas Supply Expenses	12,563,416	447,955,404	NE	931,145,337
Total Production Expenses	12,587,489	455,210,968	NE	933,955,736
Natural Gas Storage, Terminating, and				
Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	NE	130,390	NE	792,220
Maps and Records	NE	19	NE	1,040
Wells Expenses	NE	110,859	NE	240,521
Lines Expenses	NE	12,515	NE	293,297
Compressor Station Expenses	NE	303,110	NE	1,200,703
Compressor Station Fuel and Power	NE	1,776,813	NE	2,475,757
Measuring and Regulating Station Expenses	NE	86,326	NE	43,110
Purification Expenses	NE	365,716	NE	49,968
Exploration and Development	NE	NE	NE	NE
Gas Losses	NE	7,672	NE	299,071
Other Expenses	NE	23,948,496	NE	25,644,878
Storage Well Royalties	NE	NE	NE	32,790
Rents	NE	1,023	NE	67,333
Total Operations Expenses	NE	26,742,939	NE	31,140,688
Maintenance Expenses				
Supervision and Engineering	NE	38,240	NE	41,732
Structures and Improvements	NE	20,208	NE	94,903
Reservoirs and Wells	NE	31,849	NE	82,850
Lines	NE	1,070	NE	79,037
Compressor Station Equipment	NE	92,096	NE	660,399
Measuring and Regulating Station Equipment	NE	37,132	NE	16,026
Purification Equipment	NE	85,096	NE	21,610
Other Equipment	NE	23,857	NE	38,445

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	NE	\$329,548	NE	\$1,035,002
Total Underground Storage Expenses	NE	27,072,487	NE	32,175,690
Other Storage				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Other Storage Expenses	NE	NE	NE	NE
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	NE	27,072,487	NE	32,175,690
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	\$90,630	7,179,536	\$243,771	17,949,061
System Control and Load Dispatching	31,435	1,033,907	111,800	1,470,411
Communication System Expenses	23,864	967,704	8,327	2,532,397
Compressor Station Labor and Expenses	2,202,644	9,665,461	1,636,417	32,071,950
Gas for Compressor Station Fuel	1,745,131	-175,892	NE	85,275,890
Other Fuel and Power for Compressor Stations	NE	559,481	NE	1,145,919
Mains	-746,458	6,544,444	499,975	11,882,391
Measuring and Regulating Station Expenses	143,518	2,700,810	109,257	2,824,446
Transmission and Compression of Gas by Others	2,178,382	17,941,194	NE	76,969,146
Other Transmission Expenses	NE	2,778,067	108,179	142,310
Rents	34,226	300,695	2,021,982	2,133,681
Total Operation Expenses	5,703,372	49,495,407	4,739,708	234,397,602
Maintenance Expenses				
Supervision and Engineering	1,247	1,156,497	155,579	706,529
Structures and Improvements	5,410	1,101,297	274,077	1,253,639
Mains	1,337,019	2,794,590	262,844	12,189,315
Compressor Station Equipment	1,425,169	3,627,582	529,852	14,928,886
Measuring and Regulating Station Equipment	5,282	501,531	106,573	357,562
Communication Equipment	19,123	676,703	16,223	1,067,303
Other Equipment	NE	58,347	NE	356,355
Total Maintenance Expenses	2,793,250	9,916,547	1,345,148	30,859,589
Total Transmission Expenses	8,496,622	59,411,954	6,084,856	265,257,191
Distribution Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Distribution Expenses	NE	NE	NE	NE
Customer Accounts Expenses				
Supervision	NE	54,672	NE	NE
Meter Reading Expenses	18,774	NE	NE	NE
Customer Records and Collection Expenses	NE	127,685	NE	NE
Uncollectible Accounts	165,493	137,711	NE	NE
Miscellaneous Customer Accounts Expenses	NE	NE	NE	NE
Total Customer Accounts Expenses	184,267	320,068	NE	NE
Customer Service and Informational Expenses				
Supervision	NE	NE	NE	NE
Customer Assistance Expenses	NE	NE	NE	NE
Informational and Instructional Advertising Expenses	NE	174,937	NE	NE
Miscellaneous Customer Service and Informational Expenses	NE	NE	NE	NE
Total Customer Service and Informational Expenses	NE	174,937	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Sales Expenses				
Supervision	NE	\$439,044	NE	NE
Demonstrating and Selling Expenses	NE	2,272,391	NE	NE
Advertising Expenses	NE	131,124	NE	NE
Miscellaneous Sales Expenses	NE	NE	NE	NE
Total Sales Expenses	NE	2,842,559	NE	NE
Administrative and General Expenses				
Administrative and General Salaries	NE	8,870,550	\$603,100	\$26,991,243
Office Supplies and Expenses	\$22,619	2,396,519	121,485	13,676,881
(Less) Administrative Expenses Transferred	NE	1,867,081	NE	NE
Outside Services Employed	5,481,524	10,529,643	14,000	31,677,563
Property Insurance	871,541	1,486,552	1,193,219	2,507,144
Injuries and Damages	1,199,949	2,590,234	367,191	2,832,418
Employee Pensions and Benefits	NE	8,876,102	158,383	12,930,059
Franchise Requirements	NE	190,874	NE	NE
Regulatory Commission Expenses	574,778	953,735	643,684	4,685,346
(Less) Duplicate Charges	NE	86,869	NE	NE
General Advertising Expenses	NE	807	NE	NE
Miscellaneous General Expenses	10,979	7,549,828	2,179	8,121,634
Rents	NE	2,144,630	134,497	7,153,665
Maintenance of General Plant	NE	54,542	28,279	NE
Total Administrative and General Expenses	8,161,390	43,690,066	3,266,017	110,575,953
Total Gas Operation and Maintenance Expenses	29,429,768	588,723,039	9,350,873	1,341,964,570
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	NE	NE	NE
Production--Natural Gas (including exploration and development)	NE	538,485	NE	9,327
Other Gas Supply	NE	2,333,511	NE	904,214
Storage, LNG Terminating and Processing	NE	985,785	NE	1,166,011
Transmission	NE	29,510,181	NE	49,650,752
Distribution	NE	NE	NE	NE
Customer Accounts	NE	182,357	NE	NE
Customer Service and Informational Expenses	NE	72,866	NE	NE
Sales	NE	328,676	NE	NE
Administrative and General	NE	7,822,099	NE	26,991,189
Allocation of Payroll Charged for Clearing Accounts	NE	1,232,719	NE	1,533,510
Total Salaries and Wages	NE	43,006,679	NE	80,255,003
Number of Gas Department Employees				
Regular Full-Time Employees	NE	1,352	NE	2,300
Part-Time and Temporary Employees	NE	9	NE	NE
Total Gas Department Employees	NE	1,361	NE	2,300

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Production Expenses				
Manufactured Gas Production	NE	NE	NE	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	NE	\$21,944	NE	NE
Production Maps and Records	NE	NE	NE	NE
Gas Well Expenses	\$160,106	7,326	NE	NE
Field Lines Expenses	NE	76,999	NE	NE
Field Compressor Station Expenses	43,545	97,951	NE	NE
Field Compressor Station Fuel and Power	19,838	38,383	NE	NE
Field Measuring and Regulating Station Expenses	NE	14,497	NE	NE
Purification Expenses	NE	3,267	NE	NE
Gas Well Royalties	320,304	4,255	NE	NE
Other Expenses	6,007	NE	NE	NE
Rents	NE	411	NE	NE
Total Operation Expenses	549,800	265,033	NE	NE
Maintenance Expenses				
Supervision and Engineering	NE	3,572	NE	NE
Structures and Improvements	NE	NE	NE	NE
Producing Gas Wells	NE	NE	NE	NE
Field Lines	NE	4,603	NE	NE
Field Compressor Station Equipment	580	26,315	NE	NE
Field Measuring and Regulating Station Equipment	NE	NE	NE	NE
Purification Equipment	NE	NE	NE	NE
Drilling and Cleaning Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	NE	NE
Total Maintenance Expenses	580	34,490	NE	NE
Total Natural Gas Production and Gathering Expenses	550,380	299,523	NE	NE
Products Extraction				
Operation Expenses				
Supervision and Engineering	NE	NE	NE	NE
Labor	450,818	NE	NE	NE
Gas Shrinkage	1,570,423	NE	NE	NE
Fuel	2,561,931	NE	NE	NE
Power	NE	NE	NE	NE
Materials	NE	NE	NE	NE
Supplies and Expenses	804,143	NE	NE	NE
Gas Processed by Others	NE	NE	NE	NE
Royalties on Products Extracted	NE	NE	NE	NE
Marketing Expenses	NE	NE	NE	NE
Products Purchased for Resale	NE	NE	NE	NE
Variation on Product Inventory	NE	NE	NE	NE
(Less) Extracted Products Used by the Utility	NE	NE	NE	NE
Rents	113	NE	NE	NE
Total Operation Expenses	5,387,428	NE	NE	NE
Maintenance Expenses				
Supervision and Engineering	2,142	NE	NE	NE
Structures and Improvements	2,609	NE	NE	NE
Extraction and Refining Equipment	4,852	NE	NE	NE
Pipelines	NE	NE	NE	NE
Extracted Products Storage Equipment	NE	NE	NE	NE
Compressor Equipment	NE	NE	NE	NE
Gas Measuring and Regulating Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	NE	NE
Total Maintenance Expenses	9,603	NE	NE	NE
Total Products Extraction Expenses	5,397,031	NE	NE	NE
Exploration and Development				
Delay Rentals	170,454	NE	NE	NE
Nonproductive Well Drilling	-4,100	NE	NE	NE
Abandoned Leases	NE	NE	NE	NE
Other Exploration	NE	NE	NE	NE
Total Exploration and Development Expenses	166,354	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	NE	\$80,992	NE	NE
Natural Gas Wellhead Purchases, Intracompany				
Transfers	NE	19,942	NE	NE
Natural Gas Field Line Purchases	\$629,174,793	238,323,097	NE	\$81,822,165
Natural Gas Gasoline Plant Outlet Purchases	326,768,614	33,447,787	NE	NE
Natural Gas Transmission Line Purchases	480,888,508	205,975,306	NE	NE
Natural Gas City Gate Purchases	NE	NE	NE	NE
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	NE	NE	NE	NE
(Less) Purchased Gas Cost Adjustments	34,118,062	-35,391,989	NE	NE
(Less) Incremental Gas Cost Adjustments	NE	NE	NE	NE
Total Purchased Gas	1,402,713,853	513,239,113	NE	81,822,165
Exchange Gas	-2,676,432	-5,353,949	NE	NE
Purchased Gas Expenses				
Well Expenses--Purchased Gas	NE	NE	NE	NE
Operation of Purchased Gas Measuring Stations	1,423,846	NE	NE	NE
Maintenance of Purchased Gas Measuring Stations	2,999	NE	NE	NE
Purchased Gas Calculations Expenses	226,160	521,316	NE	NE
Other Purchased Gas Expenses	NE	NE	NE	NE
Total Purchased Gas Expenses	1,653,005	521,316	NE	NE
Gas Withdrawn from Underground Storage--Debit	117,109,801	136,746,699	NE	NE
(Less) Gas Delivered to Underground Storage	108,305,813	95,805,669	NE	NE
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	65,184,310	35,694,178	NE	NE
Gas Used for Products Extraction--Credit	1,618,219	NE	NE	NE
Gas Used for Other Utility Operations--Credit	2,686,295	5,955,504	NE	NE
Total Gas Used in Utility Operations--Credit	69,488,824	41,649,682	NE	NE
Other Gas Supply Expenses	34,159	42,967,219	NE	NE
Total Other Gas Supply Expenses	1,341,039,749	550,665,047	NE	81,822,165
Total Production Expenses	1,347,153,514	550,964,570	NE	81,822,165
Natural Gas Storage, Terminating, and				
Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	325,645	726,108	NE	NE
Maps and Records	2,319	532	NE	NE
Wells Expenses	723,936	857,921	NE	NE
Lines Expenses	307,660	1,356,894	NE	NE
Compressor Station Expenses	1,586,036	1,160,651	NE	NE
Compressor Station Fuel and Power	2,201,273	752,066	NE	NE
Measuring and Regulating Station Expenses	99,791	61,335	NE	NE
Purification Expenses	NE	405,908	NE	NE
Exploration and Development	NE	2,693	NE	NE
Gas Losses	2,745,340	6,247	NE	NE
Other Expenses	31,603,075	166,208	NE	NE
Storage Well Royalties	56,547	57,484	NE	NE
Rents	165	4,292	NE	NE
Total Operations Expenses	39,651,787	5,558,339	NE	NE
Maintenance Expenses				
Supervision and Engineering	102,518	204,800	NE	NE
Structures and Improvements	130,063	16,625	NE	NE
Reservoirs and Wells	299,052	1,091,443	NE	NE
Lines	156,192	102,317	NE	NE
Compressor Station Equipment	773,290	494,190	NE	NE
Measuring and Regulating Station Equipment	46,705	843	NE	NE
Purification Equipment	NE	61,841	NE	NE
Other Equipment	9,592	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	\$1,517,412	\$1,972,059	NE	NE
Total Underground Storage Expenses	41,169,199	7,530,398	NE	NE
Other Storage				
Operation Expenses	87,582	NE	NE	NE
Maintenance Expenses	15,373	NE	NE	NE
Total Other Storage Expenses	102,955	NE	NE	NE
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	41,272,154	7,530,398	NE	NE
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	18,517,013	4,865,817	\$125,638	NE
System Control and Load Dispatching	1,609,495	628,805	NE	NE
Communication System Expenses	851,541	1,258,343	34,786	NE
Compressor Station Labor and Expenses	39,845,233	10,513,060	NE	NE
Gas for Compressor Station Fuel	65,539,751	34,903,729	NE	NE
Other Fuel and Power for Compressor Stations	48,299,219	NE	NE	NE
Mains	10,814,460	10,600,612	303,942	NE
Measuring and Regulating Station Expenses	3,941,653	1,850,922	33,442	NE
Transmission and Compression of Gas by Others	27,153,758	32,901,167	NE	NE
Other Transmission Expenses	NE	4,262,597	NE	NE
Rents	716,300	914,055	NE	NE
Total Operation Expenses	217,288,423	102,699,107	497,808	NE
Maintenance Expenses				
Supervision and Engineering	3,318,539	996,613	227	NE
Structures and Improvements	4,021,134	673,210	38,054	NE
Mains	11,989,900	3,263,502	210,879	NE
Compressor Station Equipment	15,013,550	6,107,326	NE	NE
Measuring and Regulating Station Equipment	1,330,759	488,718	3,222	NE
Communication Equipment	1,241,019	219,458	13,374	NE
Other Equipment	200,233	NE	NE	NE
Total Maintenance Expenses	37,115,134	11,748,827	265,756	NE
Total Transmission Expenses	254,403,557	114,447,934	763,564	NE
Distribution Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Distribution Expenses	NE	NE	NE	NE
Customer Accounts Expenses				
Supervision	NE	NE	NE	NE
Meter Reading Expenses	NE	NE	NE	NE
Customer Records and Collection Expenses	NE	684,355	NE	NE
Uncollectible Accounts	282,000	356,597	NE	NE
Miscellaneous Customer Accounts Expenses	NE	NE	NE	NE
Total Customer Accounts Expenses	282,000	1,040,952	NE	NE
Customer Service and Informational Expenses				
Supervision	NE	71,942	NE	NE
Customer Assistance Expenses	NE	NE	NE	NE
Informational and Instructional Advertising Expenses	NE	500	NE	NE
Miscellaneous Customer Service and Informational Expenses	355	209,943	NE	NE
Total Customer Service and Informational Expenses	355	282,385	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Sales Expenses				
Supervision	NE	\$402,384	NE	NE
Demonstrating and Selling Expenses	NE	16,396	NE	NE
Advertising Expenses	NE	441,648	NE	NE
Miscellaneous Sales Expenses	NE	1,659,000	NE	NE
Total Sales Expenses	NE	2,519,428	NE	NE
Administrative and General Expenses				
Administrative and General Salaries	\$25,460,410	11,132,726	\$200,981	NE
Office Supplies and Expenses	26,604,377	4,810,096	76,914	NE
(Less) Administrative Expenses Transferred	444,522	231,228	NE	NE
Outside Services Employed	18,325,021	11,061,739	153,896	\$14,075
Property Insurance	2,214,568	1,263,376	-45,429	NE
Injuries and Damages	5,637,528	1,883,641	65,427	NE
Employee Pensions and Benefits	13,538,233	9,391,780	122,971	NE
Franchise Requirements	NE	NE	NE	NE
Regulatory Commission Expenses	3,260,926	2,371,222	87,223	NE
(Less) Duplicate Charges	NE	NE	NE	NE
General Advertising Expenses	NE	16,102	NE	NE
Miscellaneous General Expenses	8,383,684	6,799,048	16,695	836,037
Rents	7,874,775	881,011	101,815	NE
Maintenance of General Plant	1,749,892	1,005,578	NE	NE
Total Administrative and General Expenses	112,604,892	50,385,091	780,493	850,117
Total Gas Operation and Maintenance Expenses	1,755,716,472	727,170,758	1,544,057	82,672,282
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	NE	NE	NE
Production--Natural Gas (including exploration and development)	360,520	216,250	NE	NE
Other Gas Supply	626,470	2,606,322	NE	NE
Storage, LNG Terminating and Processing	367,142	3,507,513	NE	NE
Transmission	42,768,292	26,691,200	NE	NE
Distribution	NE	NE	NE	NE
Customer Accounts	NE	682,586	NE	NE
Customer Service and Informational Expenses	NE	226,520	NE	NE
Sales	NE	1,321,020	NE	NE
Administrative and General	24,143,992	12,595,729	NE	NE
Allocation of Payroll Charged for Clearing Accounts	4,380,682	1,334,940	NE	NE
Total Salaries and Wages	72,647,098	49,182,080	NE	NE
Number of Gas Department Employees				
Regular Full-Time Employees	2,052	1,375	NE	NE
Part-Time and Temporary Employees	116	14	NE	NE
Total Gas Department Employees	2,168	1,389	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Transconti- nental Gas Pipe Line Corporation	Trans- western Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Production Expenses				
Manufactured Gas Production	NE	NE	NE	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	\$744,815	\$364,333	\$654,089	NE
Production Maps and Records	NE	NE	NE	NE
Gas Well Expenses	NE	NE	NE	NE
Field Lines Expenses	-67,385	23,691	396,797	NE
Field Compressor Station Expenses	913,005	850,750	976,081	NE
Field Compressor Station Fuel and Power	264,100	350,649	NE	NE
Field Measuring and Regulating Station Expenses	3,156,246	764,247	NE	NE
Purification Expenses	7,109,681	NE	822,775	NE
Gas Well Royalties	NE	NE	NE	NE
Other Expenses	30,901	2,155,480	681,502	NE
Rents	380,391	1,985	495,842	NE
Total Operation Expenses	12,531,754	4,511,135	4,027,086	NE
Maintenance Expenses				
Supervision and Engineering	232,592	32,737	66,081	NE
Structures and Improvements	33,085	156,555	24,319	NE
Producing Gas Wells	NE	NE	NE	NE
Field Lines	37,691	413,407	94,768	NE
Field Compressor Station Equipment	91,910	2,014,126	NE	NE
Field Measuring and Regulating Station Equipment	379,644	275,510	NE	NE
Purification Equipment	360,965	NE	NE	NE
Drilling and Cleaning Equipment	NE	NE	NE	NE
Other Equipment	5,395	691,960	1,070	NE
Total Maintenance Expenses	1,141,282	3,584,295	186,238	NE
Total Natural Gas Production and Gathering Expenses	13,673,036	8,095,430	4,213,324	NE
Products Extraction				
Operation Expenses				
Supervision and Engineering	NE	NE	NE	NE
Labor	NE	NE	NE	NE
Gas Shrinkage	NE	NE	NE	NE
Fuel	NE	NE	NE	NE
Power	NE	NE	NE	NE
Materials	NE	NE	NE	NE
Supplies and Expenses	NE	NE	NE	NE
Gas Processed by Others	NE	NE	NE	NE
Royalties on Products Extracted	NE	NE	NE	NE
Marketing Expenses	NE	NE	NE	NE
Products Purchased for Resale	NE	NE	NE	NE
Variation on Product Inventory	NE	NE	NE	NE
(Less) Extracted Products Used by the Utility	NE	NE	NE	NE
Rents	NE	NE	NE	NE
Total Operation Expenses	NE	NE	NE	NE
Maintenance Expenses				
Supervision and Engineering	NE	NE	NE	NE
Structures and Improvements	NE	NE	NE	NE
Extraction and Refining Equipment	NE	NE	NE	NE
Pipelines	NE	NE	NE	NE
Extracted Products Storage Equipment	NE	NE	NE	NE
Compressor Equipment	NE	NE	NE	NE
Gas Measuring and Regulating Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	NE	NE
Total Maintenance Expenses	NE	NE	NE	NE
Total Products Extraction Expenses	NE	NE	NE	NE
Exploration and Development				
Delay Rentals	NE	NE	NE	NE
Nonproductive Well Drilling	NE	NE	NE	NE
Abandoned Leases	NE	NE	NE	NE
Other Exploration	NE	NE	NE	NE
Total Exploration and Development Expenses	NE	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Transcontinental Gas Pipe Line Corporation	Transwestern Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	\$31,744,227	\$220,151,899	\$1,104,539	NE
Natural Gas Wellhead Purchases, Intracompany				
Transfers	NE	NE	NE	NE
Natural Gas Field Line Purchases	461,189,950	11,044,438	383,528,388	NE
Natural Gas Gasoline Plant Outlet Purchases	8,669,179	16,177,034	9,748,284	NE
Natural Gas Transmission Line Purchases	66,234,910	9,941,988	NE	NE
Natural Gas City Gate Purchases	NE	NE	NE	NE
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	36,561,055	NE	NE	NE
(Less) Purchased Gas Cost Adjustments	7,485,190	43,843,047	25,831,507	NE
(Less) Incremental Gas Cost Adjustments	NE	NE	NE	NE
Total Purchased Gas	596,914,131	213,472,312	368,549,704	NE
Exchange Gas	20,860,064	711,496	-16,773,272	NE
Purchased Gas Expenses				
Well Expenses--Purchased Gas	NE	NE	NE	NE
Operation of Purchased Gas Measuring Stations	NE	NE	587,931	NE
Maintenance of Purchased Gas Measuring Stations	NE	NE	29,850	NE
Purchased Gas Calculations Expenses	350,561	NE	444,766	NE
Other Purchased Gas Expenses	3,655,053	467,912	3,262,411	NE
Total Purchased Gas Expenses	4,005,614	467,912	4,324,958	NE
Gas Withdrawn from Underground Storage--Debit	24,362,454	NE	14,538,138	NE
(Less) Gas Delivered to Underground Storage	31,049,208	NE	22,012,745	NE
Withdrawals of Liquefied Natural Gas for Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	11,147,282	9,658,618	4,695,500	NE
Gas Used for Products Extraction--Credit	NE	NE	NE	NE
Gas Used for Other Utility Operations--Credit	8,421,080	1,636,445	1,144,686	NE
Total Gas Used in Utility Operations--Credit	19,568,362	11,295,063	5,840,186	NE
Other Gas Supply Expenses	115,288,453	25,606,000	279,843,665	NE
Total Other Gas Supply Expenses	710,813,146	228,962,657	622,630,262	NE
Total Production Expenses	724,486,182	237,058,087	626,843,586	NE
Natural Gas Storage, Terminating, and Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	509,102	NE	87,361	NE
Maps and Records	NE	NE	1,470	NE
Wells Expenses	399,305	NE	1,586	NE
Lines Expenses	156,143	NE	101,035	NE
Compressor Station Expenses	1,702,282	NE	20	NE
Compressor Station Fuel and Power	858,642	NE	125,026	NE
Measuring and Regulating Station Expenses	23,495	NE	42,707	NE
Purification Expenses	76,091	NE	15,413	NE
Exploration and Development	NE	NE	NE	NE
Gas Losses	669,533	NE	97,404	NE
Other Expenses	48,181,186	NE	66,417	NE
Storage Well Royalties	36,266	NE	29,353	NE
Rents	776,820	NE	NE	NE
Total Operations Expenses	53,388,865	NE	567,792	NE
Maintenance Expenses				
Supervision and Engineering	183,546	NE	39,200	NE
Structures and Improvements	275,010	NE	1,872	NE
Reservoirs and Wells	610,668	NE	8,956	NE
Lines	167,690	NE	46,343	NE
Compressor Station Equipment	1,308,833	NE	10,596	NE
Measuring and Regulating Station Equipment	8,405	NE	17,522	NE
Purification Equipment	64,005	NE	1,363	NE
Other Equipment	8,145	NE	2,444	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Transconti- nental Gas Pipe Line Corporation	Trans- western Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	\$2,626,302	NE	\$128,296	NE
Total Underground Storage Expenses	56,015,167	NE	696,088	NE
Other Storage				
Operation Expenses	1,347,097	NE	NE	NE
Maintenance Expenses	896,212	NE	NE	NE
Total Other Storage Expenses	2,243,309	NE	NE	NE
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	58,258,476	NE	696,088	NE
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	8,825,170	\$2,296,495	7,247,614	\$69,454
System Control and Load Dispatching	3,043,782	275,276	984,588	NE
Communication System Expenses	1,786,059	390,908	1,201,183	29,048
Compressor Station Labor and Expenses	16,446,889	5,205,184	7,120,686	NE
Gas for Compressor Station Fuel	10,204,892	9,307,969	4,695,667	NE
Other Fuel and Power for Compressor Stations	5,751,346	NE	NE	NE
Mains	12,731,806	2,548,258	4,646,612	53,787
Measuring and Regulating Station Expenses	1,392,024	858,431	962,665	1,966
Transmission and Compression of Gas by Others	22,480,187	1,168,610	23,272,727	NE
Other Transmission Expenses	970,997	443,245	1,129,489	616,922
Rents	3,128,287	207,371	64,052	27,890
Total Operation Expenses	86,761,439	22,701,747	51,325,283	799,067
Maintenance Expenses				
Supervision and Engineering	2,835,778	533,440	2,856,037	27,044
Structures and Improvements	940,660	335,856	606,704	3,244
Mains	18,459,430	1,200,193	1,876,461	236
Compressor Station Equipment	14,842,863	6,965,575	3,383,159	NE
Measuring and Regulating Station Equipment	407,960	226,219	126,440	NE
Communication Equipment	352,914	98,055	33,612	NE
Other Equipment	36,194	76,225	121,796	220,332
Total Maintenance Expenses	37,875,809	9,435,563	9,004,209	250,856
Total Transmission Expenses	124,637,248	32,137,310	60,329,492	1,049,923
Distribution Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Distribution Expenses	NE	NE	NE	NE
Customer Accounts Expenses				
Supervision	NE	NE	69,441	NE
Meter Reading Expenses	NE	NE	NE	NE
Customer Records and Collection Expenses	NE	NE	132,009	NE
Uncollectible Accounts	NE	-300,000	38,763	NE
Miscellaneous Customer Accounts Expenses	NE	NE	NE	NE
Total Customer Accounts Expenses	NE	-300,000	240,213	NE
Customer Service and Informational Expenses				
Supervision	NE	NE	NE	NE
Customer Assistance Expenses	NE	NE	NE	NE
Informational and Instructional Advertising Expenses	NE	NE	NE	NE
Miscellaneous Customer Service and Informational Expenses	NE	NE	NE	NE
Total Customer Service and Informational Expenses	NE	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	Transcontinental Gas Pipe Line Corporation	Trans- western Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Sales Expenses				
Supervision	NE	NE	NE	NE
Demonstrating and Selling Expenses	NE	\$78,709	\$1,222,961	NE
Advertising Expenses	\$157,372	NE	51,713	NE
Miscellaneous Sales Expenses	NE	NE	NE	NE
Total Sales Expenses	157,372	78,709	1,274,674	NE
Administrative and General Expenses				
Administrative and General Salaries	18,678,988	9,509,395	6,129,032	NE
Office Supplies and Expenses	16,488,100	4,369,273	821,937	NE
(Less) Administrative Expenses Transferred	11,638,997	2,635,019	392,184	NE
Outside Services Employed	6,160,583	9,102,971	484,936	\$47,465
Property Insurance	1,289,498	1,238,487	1,051,915	111,346
Injuries and Damages	2,577,893	30,418	955,060	40,906
Employee Pensions and Benefits	16,110,818	-319,610	1,981,436	NE
Franchise Requirements	NE	NE	NE	NE
Regulatory Commission Expenses	4,866,924	670,120	1,646,400	574,069
(Less) Duplicate Charges	NE	NE	NE	NE
General Advertising Expenses	NE	NE	133,779	NE
Miscellaneous General Expenses	37,982,075	4,882,460	5,112,747	298,408
Rents	12,663,324	10,288,463	1,294,909	NE
Maintenance of General Plant	186,176	240,505	210,635	NE
Total Administrative and General Expenses	105,365,382	37,377,463	19,430,602	1,072,194
Total Gas Operation and Maintenance Expenses	1,012,904,660	306,351,569	708,814,655	2,122,117
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	NE	NE	NE
Production--Natural Gas (including exploration and development)	2,258,237	3,180,411	712,518	NE
Other Gas Supply	2,356,022	421,353	2,559,715	NE
Storage, LNG Terminating and Processing	2,562,346	NE	252,878	NE
Transmission	35,371,343	8,260,781	18,822,430	NE
Distribution	NE	NE	NE	NE
Customer Accounts	NE	NE	174,949	NE
Customer Service and Informational Expenses	NE	NE	NE	NE
Sales	NE	NE	834,144	NE
Administrative and General	19,011,262	9,620,550	5,866,235	NE
Allocation of Payroll Charged for Clearing Accounts	2,616,783	-141,000	765,995	NE
Total Salaries and Wages	64,175,993	21,342,095	29,988,864	NE
Number of Gas Department Employees				
Regular Full-Time Employees	1,576	576	NE	NE
Part-Time and Temporary Employees	64	NE	NE	NE
Total Gas Department Employees	1,640	576	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Production Expenses				
Manufactured Gas Production	\$111,623	NE	NE	NE
Natural Gas Production and Gathering				
Operation Expenses				
Supervision and Engineering	448,456	\$393,629	\$177,855	NE
Production Maps and Records	2,804,733	NE	5,307	NE
Gas Well Expenses	NE	NE	111,983	NE
Field Lines Expenses	1,661,939	3,277,801	246,845	NE
Field Compressor Station Expenses	241,694	1,695,790	211,689	NE
Field Compressor Station Fuel and Power	2,223,064	7,241,583	70,283	NE
Field Measuring and Regulating Station Expenses	601,275	1,129,108	210,338	NE
Purification Expenses	533,092	924,306	59,819	NE
Gas Well Royalties	NE	NE	268,013	NE
Other Expenses	NE	40,295	56,318	NE
Rents	15,933	49,897	11,190	NE
Total Operation Expenses	8,530,186	14,752,409	1,429,640	NE
Maintenance Expenses				
Supervision and Engineering	121,173	80,989	77,405	NE
Structures and Improvements	2,078	55,601	25,919	NE
Producing Gas Wells	NE	NE	61,121	NE
Field Lines	498,751	547,998	117,313	NE
Field Compressor Station Equipment	100,590	1,665,944	205,017	NE
Field Measuring and Regulating Station Equipment	33,517	428,882	33,749	NE
Purification Equipment	133,979	327,773	38,248	NE
Drilling and Cleaning Equipment	NE	NE	NE	NE
Other Equipment	NE	5,137	943	NE
Total Maintenance Expenses	890,088	3,112,324	559,715	NE
Total Natural Gas Production and Gathering Expenses	9,420,274	17,864,733	1,989,355	NE
Products Extraction				
Operation Expenses				
Supervision and Engineering	NE	NE	5,915	NE
Labor	1,839	NE	13,601	NE
Gas Shrinkage	NE	138,400	207,167	NE
Fuel	NE	612,669	66,887	NE
Power	NE	160,613	8,603	NE
Materials	NE	55,407	1,514	NE
Supplies and Expenses	26	NE	24,673	NE
Gas Processed by Others	612,908	148,461	1,286,864	NE
Royalties on Products Extracted	NE	1,702,770	NE	NE
Marketing Expenses	28,867	98,538	NE	NE
Products Purchased for Resale	NE	NE	NE	NE
Variation on Product Inventory	NE	-10,529	NE	NE
(Less) Extracted Products Used by the Utility	NE	NE	NE	NE
Rents	NE	1,586	6,900	NE
Total Operation Expenses	643,640	2,907,915	1,622,124	NE
Maintenance Expenses				
Supervision and Engineering	NE	NE	3,328	NE
Structures and Improvements	NE	742	3,900	NE
Extraction and Refining Equipment	2,165	80,630	106,112	NE
Pipelines	NE	NE	193	NE
Extracted Products Storage Equipment	NE	NE	1,534	NE
Compressor Equipment	NE	NE	18,350	NE
Gas Measuring and Regulating Equipment	NE	NE	182	NE
Other Equipment	NE	NE	32	NE
Total Maintenance Expenses	2,165	81,372	133,631	NE
Total Products Extraction Expenses	645,805	2,989,287	1,755,755	NE
Exploration and Development				
Delay Rentals	NE	NE	15	NE
Nonproductive Well Drilling	NE	NE	NE	NE
Abandoned Leases	NE	NE	NE	NE
Other Exploration	NE	NE	NE	NE
Total Exploration and Development Expenses	NE	NE	15	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Other Gas Supply Expenses				
Purchased Gas				
Natural Gas Wellhead Purchases	\$15,529,325	\$267,812,776	\$15,676,985	NE
Natural Gas Wellhead Purchases, Intracompany				
Transfers	NE	NE	NE	NE
Natural Gas Field Line Purchases	103,998,247	41,505,871	4,750,597	NE
Natural Gas Gasoline Plant Outlet Purchases	15,131,668	51,526,771	39,913,952	NE
Natural Gas Transmission Line Purchases	61,805,066	35,443,653	NE	NE
Natural Gas City Gate Purchases	NE	NE	NE	NE
Liquefied Natural Gas Purchases	NE	NE	NE	NE
Other Gas Purchases	NE	NE	NE	NE
(Less) Purchased Gas Cost Adjustments	13,463,963	66,403,472	-3,401,059	NE
(Less) Incremental Gas Cost Adjustments	NE	NE	NE	NE
Total Purchased Gas	183,000,343	329,885,599	63,742,593	NE
Exchange Gas	48,059,015	9,815,688	-275,862	NE
Purchased Gas Expenses				
Well Expenses--Purchased Gas	NE	350,108	3,623	NE
Operation of Purchased Gas Measuring Stations	2,428,515	559,897	257,314	NE
Maintenance of Purchased Gas Measuring Stations	73,921	104,654	46,005	NE
Purchased Gas Calculations Expenses	1,078,360	731,876	83,911	NE
Other Purchased Gas Expenses	5,597,434	600,472	26,148	NE
Total Purchased Gas Expenses	9,178,230	2,347,007	417,001	NE
Gas Withdrawn from Underground Storage--Debit	86,868,697	103,944,719	27,616,260	NE
(Less) Gas Delivered to Underground Storage	91,080,739	116,031,138	27,596,768	NE
Withdrawals of Liquefied Natural Gas for				
Processing--Debit	NE	NE	NE	NE
(Less) Deliveries of Natural Gas for Processing	NE	NE	NE	NE
(Less) Gas Used in Utility Operation				
Gas Used for Compressor Station Fuel--Credit	13,394,369	19,446,881	1,942,926	NE
Gas Used for Products Extraction--Credit	612,908	2,476,051	1,337,782	NE
Gas Used for Other Utility Operations--Credit	14,537,825	2,956,255	477,318	NE
Total Gas Used in Utility Operations--Credit	28,545,102	24,879,187	3,758,026	NE
Other Gas Supply Expenses	47,122,559	14,940,330	3,762,897	NE
Total Other Gas Supply Expenses	254,603,003	320,023,018	63,908,095	NE
Total Production Expenses	264,780,705	340,877,038	67,653,221	NE
Natural Gas Storage, Terminating, and				
Processing Expenses				
Underground Storage				
Operation Expenses				
Supervision and Engineering	5,154	104,644	129,891	NE
Maps and Records	NE	NE	4,203	NE
Wells Expenses	111,727	267,118	45,638	NE
Lines Expenses	28,377	23,876	29,614	NE
Compressor Station Expenses	715,708	461,496	130,020	NE
Compressor Station Fuel and Power	1,000,048	864,714	92,102	NE
Measuring and Regulating Station Expenses	139,811	21,717	143,508	NE
Purification Expenses	210,662	274,292	NE	NE
Exploration and Development	NE	NE	NE	NE
Gas Losses	NE	5,422,214	NE	NE
Other Expenses	181	NE	17,649	NE
Storage Well Royalties	-150	381,488	409,399	NE
Rents	18,520,918	16,544	7,528	NE
Total Operations Expenses	20,732,427	7,838,103	1,009,552	NE
Maintenance Expenses				
Supervision and Engineering	2,510	41,498	34,446	NE
Structures and Improvements	91,731	1,213	35,632	NE
Reservoirs and Wells	65,901	149,217	155,805	NE
Lines	37,094	385	140,262	NE
Compressor Station Equipment	454,388	448,192	122,270	NE
Measuring and Regulating Station Equipment	3,543	2,820	15,010	NE
Purification Equipment	6,427	7,431	NE	NE
Other Equipment	130	NE	343	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Natural Gas Storage, Terminating, and Processing Expenses				
Total Maintenance Expenses	\$661,724	\$650,756	\$503,768	NE
Total Underground Storage Expenses	21,394,151	8,488,859	1,513,320	NE
Other Storage				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Other Storage Expenses	NE	NE	NE	NE
Liquefied Natural Gas Terminating and Processing Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Liquefied Natural Gas Terminating and Processing Expenses	NE	NE	NE	NE
Total Natural Gas Storage, Terminating, and Processing Expenses	21,394,151	8,488,859	1,513,320	NE
Transmission Expenses				
Operation Expenses				
Supervision and Engineering	2,526,210	3,433,851	606,745	\$448,858
System Control and Load Dispatching	863,429	577,591	183,124	178,409
Communication System Expenses	808,086	24,378	324,390	NE
Compressor Station Labor and Expenses	5,477,888	5,234,710	1,401,138	64,811
Gas for Compressor Station Fuel	10,171,256	11,519,162	1,829,116	NE
Other Fuel and Power for Compressor Stations	NE	515,866	249,844	20,992
Mains	24,975,403	3,984,352	103,611	91,590
Measuring and Regulating Station Expenses	4,225,446	1,217,475	634,895	80,595
Transmission and Compression of Gas by Others	144,917,415	1,673,109	796,493	NE
Other Transmission Expenses	NE	NE	135,232	21,257
Rents	296,269	274,783	66,245	-73,172
Total Operation Expenses	194,261,402	28,455,277	6,330,833	833,340
Maintenance Expenses				
Supervision and Engineering	582,940	231,797	423,451	59,586
Structures and Improvements	285,674	213,263	228,102	2,387
Mains	4,461,513	1,832,862	664,488	14,858
Compressor Station Equipment	2,918,249	3,120,325	1,792,206	41,282
Measuring and Regulating Station Equipment	412,252	450,464	197,471	23,029
Communication Equipment	463,584	20,535	183,560	NE
Other Equipment	26,018	NE	2,284	NE
Total Maintenance Expenses	9,150,230	5,869,246	3,491,562	141,142
Total Transmission Expenses	203,411,632	34,324,523	9,822,395	974,482
Distribution Expenses				
Operation Expenses	NE	NE	NE	NE
Maintenance Expenses	NE	NE	NE	NE
Total Distribution Expenses	NE	NE	NE	NE
Customer Accounts Expenses				
Supervision	NE	12,679	21,525	NE
Meter Reading Expenses	1,313,716	1,002,505	44,957	NE
Customer Records and Collection Expenses	NE	238,270	NE	NE
Uncollectible Accounts	-388,932	301,978	316,854	NE
Miscellaneous Customer Accounts Expenses	NE	NE	NE	NE
Total Customer Accounts Expenses	924,784	1,555,432	383,336	NE
Customer Service and Informational Expenses				
Supervision	NE	NE	NE	NE
Customer Assistance Expenses	NE	NE	NE	NE
Informational and Instructional Advertising Expenses	NE	NE	NE	NE
Miscellaneous Customer Service and Informational Expenses	NE	NE	NE	NE
Total Customer Service and Informational Expenses	NE	NE	NE	NE

See footnotes at end of table.

**Table 26. Gas Operation and Maintenance Expenses as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Sales Expenses				
Supervision	\$397,886	\$71,603	NE	NE
Demonstrating and Selling Expenses	148,353	296,393	\$1,875	NE
Advertising Expenses	NE	NE	653	NE
Miscellaneous Sales Expenses	NE	123,574	NE	NE
Total Sales Expenses	546,239	491,570	2,528	NE
Administrative and General Expenses				
Administrative and General Salaries	31,153,557	5,313,346	2,710,140	NE
Office Supplies and Expenses	14,638,433	1,534,074	606,379	-\$2,413
(Less) Administrative Expenses Transferred	12,289,573	199,716	NE	NE
Outside Services Employed	7,851,559	13,270,795	2,804,318	737,039
Property Insurance	500,523	735,596	97,415	92,871
Injuries and Damages	1,663,207	173,208	247,578	NE
Employee Pensions and Benefits	9,304,248	5,394,459	1,441,048	226,125
Franchise Requirements	NE	NE	NE	NE
Regulatory Commission Expenses	4,933,007	2,270,135	744,160	177,385
(Less) Duplicate Charges	2,596,000	NE	NE	NE
General Advertising Expenses	6,452	16,369	NE	NE
Miscellaneous General Expenses	8,370,108	6,670,737	931,608	18,820
Rents	5,419,771	875,552	683,165	NE
Maintenance of General Plant	34,036	63,752	68,974	NE
Total Administrative and General Expenses	68,989,328	36,118,307	10,334,785	1,249,827
Total Gas Operation and Maintenance Expenses	560,046,839	421,855,729	89,709,585	2,224,309
Distribution of Salaries and Wages Charged to Gas Operation and Maintenance				
Production--Manufactured Gas	NE	NE	NE	NE
Production--Natural Gas (including exploration and development)	NE	NE	582,995	NE
Other Gas Supply	NE	NE	320,895	NE
Storage, LNG Terminaling and Processing	NE	NE	593,888	NE
Transmission	NE	NE	3,688,332	646,072
Distribution	NE	NE	NE	NE
Customer Accounts	NE	NE	58,313	NE
Customer Service and Informational Expenses	NE	NE	NE	NE
Sales	NE	NE	NE	NE
Administrative and General	NE	NE	1,312,911	NE
Allocation of Payroll Charged for Clearing Accounts	NE	NE	145,811	NE
Total Salaries and Wages	NE	NE	6,703,145	646,072
Number of Gas Department Employees				
Regular Full-Time Employees	1,914	808	281	NE
Part-Time and Temporary Employees	11	84	2	NE
Total Gas Department Employees	1,925	892	283	NE

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals. Since 1982, accounts which are normally credit balances have had their signs removed and the word "less" has been added to the description for the account. Prior to 1982 these accounts earned minus signs.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Summary Gas Plant Accounts				
Gas Plant in Service	\$44,105,022,189	\$363,760,131	\$2,582,388,400	\$2,119,698,626
Gas Plant Leased to Others	37,295,686	NE	NE	NE
Gas Plant Held for Future Use	150,887,503	7,772	399,622	5,429
Gas Plant Construction Work in Progress	703,796,164	1,789,207	6,922,386	65,223,412
Gas Plant Acquisition Adjustments	5,123,019	NE	NE	2,224,156
Total Gas Utility Plant	45,002,124,561	365,557,110	2,589,710,408	2,187,151,623
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	26,137,145,105	160,643,054	1,755,688,900	856,786,861
Net Gas Utility Plant	18,864,979,456	204,914,056	834,021,508	1,330,364,762
Gas Utility Plant in Service				
Intangible Plant	92,159,432	1,911,258	8,482	1,199,059
Manufactured Gas Production Plant	297,197	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	484,071	NE	NE	NE
Producing Leaseholds	216,378,411	NE	NE	NE
Gas Rights	22,206,374	NE	NE	NE
Right-of-Way	106,811,184	NE	4,375,041	22,684,469
Other Land and Land Rights	8,944,897	NE	278,876	1,177,156
Gas Well Structures	38,450	NE	NE	NE
Field Compressor Station Structures	53,809,974	NE	9,732,001	4,695,223
Field Measuring and Regulating Station Structures	34,365,307	NE	1,031,542	1,454,913
Other Structures	81,073,038	NE	2,133,163	789,014
Producing Gas Wells (well construction)	546,340,536	NE	NE	NE
Producing Gas Wells (well equipment)	199,870,573	NE	NE	NE
Field Lines	2,347,620,154	NE	334,746,871	139,438,091
Field Compressor Station Equipment	478,072,140	NE	44,974,850	42,643,412
Field Measuring and Regulating Station Equipment	446,265,152	NE	41,585,133	35,684,810
Drilling and Cleaning Equipment	4,847,592	NE	NE	NE
Purification Equipment	372,775,733	NE	7,968,896	37,292,204
Other Equipment	38,153,513	NE	160,821	1,461,850
Unsuccessful Exploration and Development Costs	54,884,398	NE	NE	NE
Total Production and Gathering Plant	5,012,941,497	NE	446,987,194	287,321,142
Products Extraction Plant				
Land and Land Rights	1,731,701	NE	NE	424,633
Structures and Improvements	43,253,644	NE	NE	2,363,382
Extraction and Refining Equipment	259,406,857	NE	NE	16,857,528
Pipelines	26,549,978	NE	NE	3,514,383
Extracted Products Storage Equipment	17,144,028	NE	NE	1,057,714
Compressor Equipment	44,400,137	NE	NE	2,162,417
Gas Measuring and Regulating Equipment	943,881	NE	NE	20,926
Other Equipment	5,079,347	NE	NE	973,223
Total Products Extraction Plant	398,509,573	NE	NE	27,374,206
Total Natural Gas Production Plant	5,411,451,070	NE	446,987,194	314,695,348
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	16,458,415	NE	1,100,825	139,781
Right-of-Way	8,816,040	NE	1,091,578	467,704
Structures and Improvements	123,813,921	NE	13,446,301	2,982,423
Wells	854,216,694	NE	46,630,116	16,076,050
Storage Leaseholds and Rights	83,388,961	NE	5,328,408	1,526,312
Reservoirs	121,312,511	NE	16,016,540	NE
Nonrecoverable Natural Gas	98,988,621	NE	1,718,446	508,591
Lines	468,114,383	NE	55,779,105	5,227,135
Compressor Station Equipment	604,454,946	NE	71,555,193	18,599,680
Measuring and Regulating Equipment	72,242,129	NE	11,342,125	1,629,470
Purification Equipment	103,441,095	NE	8,423,634	1,894,297
Other Equipment	18,078,372	NE	NE	282,897
Total Underground Storage Plant	2,573,326,088	NE	232,432,271	49,334,340

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Other Storage Plant	\$111,026,312	NE	NE	NE
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	2,684,352,400	NE	\$232,432,271	\$49,334,340
Transmission Plant				
Land and Land Rights	74,455,336	\$8,272,444	2,277,066	2,524,716
Right-of-Way	461,525,935	25,439,046	19,730,207	19,608,352
Structures and Improvements	1,180,743,947	8,896,307	84,303,433	14,888,518
Mains	23,494,689,255	237,142,453	1,212,813,233	349,125,724
Compressor Station Equipment	5,503,832,209	62,824,189	355,765,379	36,681,146
Measuring and Regulating Equipment	733,434,433	8,106,851	30,391,975	31,879,297
Communication Equipment	298,494,449	1,469,179	29,058,912	6,329,342
Other Transmission Equipment	304,296,498	160,213	33,388,147	24,368,303
Total Transmission Plant	32,051,472,061	352,310,682	1,767,728,352	485,405,398
Distribution Plant	2,218,243,815	NE	NE	1,124,092,164
General Plant				
Land and Land Rights	14,522,723	474,010	141,401	1,274,912
Structures and Improvements	375,792,589	3,604,229	8,185,271	16,723,179
Office Furniture and Equipment	344,268,009	1,606,432	11,336,928	20,005,663
Transportation Equipment	423,989,717	1,630,331	28,152,098	53,209,250
Stores Equipment	4,387,323	73,055	NE	358,127
Tools, Shop and Garage Equipment	143,031,010	1,462,435	14,640,299	4,435,276
Laboratory Equipment	10,695,840	33,583	NE	49,335
Power Operated Equipment	121,488,493	599,003	6,655,099	18,608,918
Communication Equipment	54,611,277	NE	NE	2,640,303
Miscellaneous Equipment	33,703,946	55,113	12,306,441	1,173,340
Subtotal General Plant	1,526,490,927	9,538,191	81,417,537	118,478,303
Other Tangible Property	11,331,598	NE	NE	3,190,861
Total General Plant	1,537,822,525	9,538,191	81,417,537	121,669,164
Gas Plant Purchased	15,723,496	NE	NE	15,723,496
Gas Plant Sold	7,303,762	NE	NE	7,579,657
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service	44,018,825,758	363,760,131	2,528,573,836	2,119,698,626
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	23,673,152	NE	NE	89,444
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant	74,995,366	NE	2,865,459	7,781,717
Products Extraction Plant	15,809,503	NE	NE	3,079,566
Total Natural Gas Production Plant	90,804,869	NE	2,865,459	10,861,283
Natural Gas Storage Plant				
Underground Storage Plant	55,166,422	NE	786,486	795,848
Other Storage Plant	312,651	NE	NE	NE
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	55,479,073	NE	786,486	795,848
Transmission Plant	967,670,570	21,843,435	30,664,249	39,709,317
Distribution Plant	724,044,306	NE	NE	673,081,688
General Plant	210,076,925	996,861	4,206,261	53,294,308
Gas Plant Purchased	68,343,784	NE	NE	250,000
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	2,140,092,679	22,840,296	38,522,455	778,081,888
Retirements				
Intangible Plant	190,937	NE	NE	166,521
Manufactured Gas Production Plant	1,600,384	NE	NE	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Natural Gas Production Plant				
Production and Gathering Plant	\$134,430,927	NE	\$2,554,445	\$63,488,989
Products Extraction Plant	14,059,201	NE	NE	1,101,094
Total Natural Gas Production Plant	148,490,128	NE	2,554,445	64,590,083
Natural Gas Storage Plant				
Underground Storage Plant	23,586,821	NE	2,524,724	63,970
Other Storage Plant	137,445	NE	NE	NE
Base Load Liquefied Natural Gas				
Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	23,724,266	NE	2,524,724	63,970
Transmission Plant	119,100,878	\$524,350	944,433	1,336,711
Distribution Plant	12,307,465	NE	NE	6,177,310
General Plant	103,457,257	NE	8,290,007	9,222,870
Gas Plant Sold	9,598,534	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	418,469,849	524,350	14,313,609	81,557,465

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Summary Gas Plant Accounts				
Gas Plant in Service	\$1,286,643,002	\$726,204,916	\$2,003,930,485	\$1,080,996,960
Gas Plant Leased to Others	NE	NE	NE	NE
Gas Plant Held for Future Use	28,060,693	NE	272,393	NE
Gas Plant Construction Work in Progress	17,797,633	3,344,292	18,016,561	17,348,457
Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Total Gas Utility Plant	1,332,501,328	729,549,208	2,022,219,439	1,098,345,417
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	692,366,986	428,244,733	1,026,485,574	863,500,896
Net Gas Utility Plant	640,134,342	301,304,475	995,733,865	234,844,521
Gas Utility Plant in Service				
Intangible Plant	13,282,062	3,254,281	5,703,161	128,370
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	10,160	NE	NE	NE
Producing Leaseholds	4,114,378	2,302,934	NE	NE
Gas Rights	224,022	191,082	NE	NE
Right-of-Way	2,911,350	3,837,028	4,508,804	NE
Other Land and Land Rights	329,308	235,520	222,271	NE
Gas Well Structures	NE	NE	NE	NE
Field Compressor Station Structures	273,705	2,203,872	945,620	NE
Field Measuring and Regulating Station Structures	1,765,726	1,836,486	229,770	NE
Other Structures	4,030,001	281,930	93,769	NE
Producing Gas Wells (well construction)	147,880,620	22,232,760	NE	NE
Producing Gas Wells (well equipment)	48,334,474	6,608,651	NE	NE
Field Lines	114,422,244	96,543,238	162,008,268	NE
Field Compressor Station Equipment	1,261,641	32,122,442	8,542,597	NE
Field Measuring and Regulating Station Equipment	28,452,757	9,096,520	33,160,620	NE
Drilling and Cleaning Equipment	2,137,422	41,708	NE	NE
Purification Equipment	220,511	19,631,514	408,166	NE
Other Equipment	1,808,022	417,465	NE	NE
Unsuccessful Exploration and Development Costs	18,986,269	NE	NE	NE
Total Production and Gathering Plant	377,162,610	197,583,150	210,119,885	NE
Products Extraction Plant				
Land and Land Rights	142,747	6,096	222,394	NE
Structures and Improvements	2,055,822	715,482	1,112,248	NE
Extraction and Refining Equipment	16,206,636	10,248,066	20,613,022	NE
Pipelines	10,039,007	446,123	2,571,268	NE
Extracted Products Storage Equipment	2,154,097	1,828,293	NE	NE
Compressor Equipment	NE	NE	5,699,245	NE
Gas Measuring and Regulating Equipment	101,847	201,146	138,828	NE
Other Equipment	243,266	NE	NE	NE
Total Products Extraction Plant	30,943,422	13,445,206	30,357,005	NE
Total Natural Gas Production Plant	408,106,032	211,028,356	240,476,890	NE
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	483,417	45,520	1,317,433	NE
Right-of-Way	329,618	114,156	658,728	NE
Structures and Improvements	8,707,953	3,048,271	12,508,613	NE
Wells	76,499,895	26,694,777	179,185,685	NE
Storage Leaseholds and Rights	5,431,142	3,448,110	15,179,906	NE
Reservoirs	38,825,655	1,559,456	4,943,373	NE
Nonrecoverable Natural Gas	14,094,919	2,298,922	NE	NE
Lines	36,657,575	9,292,190	68,734,294	NE
Compressor Station Equipment	74,609,946	13,245,088	77,100,509	NE
Measuring and Regulating Equipment	3,358,151	2,092,221	8,576,171	NE
Purification Equipment	NE	8,778,631	10,934,860	NE
Other Equipment	764,908	238,620	1,332,737	NE
Total Underground Storage Plant	259,763,179	70,855,962	380,472,309	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	\$259,763,179	\$70,855,962	\$380,472,309	NE
Transmission Plant				
Land and Land Rights	1,749,368	2,565,170	5,019,264	\$469,620
Right-of-Way	10,020,236	3,886,662	22,257,550	8,031,129
Structures and Improvements	15,884,146	39,097,677	36,428,752	37,320,299
Mains	421,195,975	177,867,338	1,016,566,730	851,233,382
Compressor Station Equipment	82,592,378	121,128,694	170,492,088	138,155,596
Measuring and Regulating Equipment	27,111,697	14,855,122	38,531,874	20,841,056
Communication Equipment	6,243,566	3,890,577	29,613,877	1,599,789
Other Transmission Equipment	2,856,262	39,868,251	4,675,842	13,366,749
Total Transmission Plant	567,653,628	403,159,491	1,323,585,977	1,071,017,620
Distribution Plant	NE	NE	NE	NE
General Plant				
Land and Land Rights	229,454	22,844	675,563	16,539
Structures and Improvements	6,783,698	4,356,251	23,402,218	486,568
Office Furniture and Equipment	16,024,193	9,007,499	9,421,549	3,904,367
Transportation Equipment	8,171,352	11,736,570	130,420	581,613
Stores Equipment	NE	586,185	517,024	NE
Tools, Shop and Garage Equipment	1,325,396	6,462,566	8,815,537	3,459,094
Laboratory Equipment	397	765,227	415,700	43,634
Power Operated Equipment	5,061,965	2,114,276	8,007,010	1,163,277
Communication Equipment	NE	1,972,689	NE	NE
Miscellaneous Equipment	241,646	882,719	505,329	NE
Subtotal General Plant	37,838,101	37,906,826	51,890,350	9,655,092
Other Tangible Property	NE	NE	NE	NE
Total General Plant	37,838,101	37,906,826	51,890,350	9,655,092
Gas Plant Purchased	NE	NE	NE	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service	1,286,643,002	726,204,916	2,002,128,687	1,080,801,082
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	12,944,530	160,329	858,405	NE
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant	9,533,395	2,716,010	6,135,736	NE
Products Extraction Plant	559,070	827,185	301,172	NE
Total Natural Gas Production Plant	10,092,465	3,543,195	6,436,908	NE
Natural Gas Storage Plant				
Underground Storage Plant	22,814,272	627,292	10,012,534	NE
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	22,814,272	627,292	10,012,534	NE
Transmission Plant	7,392,560	9,117,569	28,989,406	21,003,607
Distribution Plant	NE	NE	NE	NE
General Plant	4,322,399	2,421,188	11,026,213	2,892,386
Gas Plant Purchased	68,076,976	NE	16,808	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	125,643,202	15,869,573	57,340,274	23,895,993
Retirements				
Intangible Plant	NE	NE	NE	NE
Manufactured Gas Production Plant	NE	NE	1,600,384	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Natural Gas Production Plant				
Production and Gathering Plant	\$5,342,427	\$1,542,617	\$2,331,335	NE
Products Extraction Plant	279,053	16,456	7,232	NE
Total Natural Gas Production Plant	5,621,480	1,559,073	2,338,567	NE
Natural Gas Storage Plant				
Underground Storage Plant	783,278	86,931	1,080,822	NE
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	783,278	86,931	1,080,822	NE
Transmission Plant	885,534	998,631	2,665,610	\$6,303,623
Distribution Plant	NE	NE	NE	NE
General Plant	581,651	1,470,783	125,233	141,649
Gas Plant Sold	NE	NE	118,571	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	7,871,943	4,115,418	7,929,187	6,445,272

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Summary Gas Plant Accounts				
Gas Plant in Service	\$143,470,433	\$2,557,701,007	\$2,179,139,693	\$564,559,194
Gas Plant Leased to Others	NE	593,615	NE	200,754
Gas Plant Held for Future Use	NE	19,617,854	31,710,739	NE
Gas Plant Construction Work in Progress	816,856	14,791,328	11,918,469	20,179,235
Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Total Gas Utility Plant	144,287,289	2,592,703,804	2,222,768,901	584,939,183
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	58,761,442	1,478,835,205	1,556,754,506	401,126,309
Net Gas Utility Plant	85,525,847	1,113,868,599	666,014,395	183,812,874
Gas Utility Plant in Service				
Intangible Plant	479,906	6,279,779	3,085,240	144,813
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	NE	NE	NE	NE
Producing Leaseholds	NE	9,030,923	NE	NE
Gas Rights	NE	NE	NE	NE
Right-of-Way	NE	21,777,266	26,898	NE
Other Land and Land Rights	NE	551,523	712,231	NE
Gas Well Structures	NE	NE	NE	NE
Field Compressor Station Structures	NE	186,992	NE	NE
Field Measuring and Regulating Station Structures	NE	27,134	847,782	NE
Other Structures	NE	26,853,669	6,798,289	NE
Producing Gas Wells (well construction)	NE	252,739,368	NE	NE
Producing Gas Wells (well equipment)	NE	76,588,725	NE	NE
Field Lines	NE	427,650,148	NE	NE
Field Compressor Station Equipment	NE	20,331,176	NE	NE
Field Measuring and Regulating Station Equipment	NE	49,137,325	49,885,765	NE
Drilling and Cleaning Equipment	NE	NE	NE	NE
Purification Equipment	NE	135,144,718	41,941,828	NE
Other Equipment	NE	7,132,715	5,762,806	NE
Unsuccessful Exploration and Development Costs	NE	24,269,110	NE	NE
Total Production and Gathering Plant	NE	1,051,420,792	105,975,599	NE
Products Extraction Plant				
Land and Land Rights	NE	525,318	13,702	NE
Structures and Improvements	NE	14,418,442	2,284,471	NE
Extraction and Refining Equipment	NE	89,531,015	4,137,414	NE
Pipelines	NE	5,104,608	3,589,350	NE
Extracted Products Storage Equipment	NE	6,305,578	437,276	NE
Compressor Equipment	NE	1,551,031	1,936,492	NE
Gas Measuring and Regulating Equipment	NE	NE	164,339	NE
Other Equipment	NE	1,825,159	417,771	NE
Total Products Extraction Plant	NE	119,261,151	12,980,815	NE
Total Natural Gas Production Plant	NE	1,170,681,943	118,956,414	NE
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	NE	50,000	200,802	NE
Right-of-Way	NE	189,025	566,252	NE
Structures and Improvements	NE	3,029,382	19,114,101	NE
Wells	NE	17,846,738	48,864,042	NE
Storage Leaseholds and Rights	NE	1,242,424	1,199,416	NE
Reservoirs	NE	NE	5,608,680	NE
Nonrecoverable Natural Gas	NE	3,172,848	11,459,560	NE
Lines	NE	13,615,750	37,410,333	NE
Compressor Station Equipment	NE	17,484,333	21,531,279	NE
Measuring and Regulating Equipment	NE	1,231,265	12,707,847	NE
Purification Equipment	NE	1,651,382	20,677,646	NE
Other Equipment	NE	1,212,065	3,227,671	NE
Total Underground Storage Plant	NE	60,725,212	182,567,629	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Other Storage Plant	\$11,088,288	NE	\$22,137,392	NE
Base Load Liquefied Natural Gas				
Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	11,088,288	\$60,725,212	204,705,021	NE
Transmission Plant				
Land and Land Rights	643,932	1,565,318	2,495,367	\$1,087,762
Right-of-Way	2,313,099	15,979,301	31,116,359	16,012,794
Structures and Improvements	3,063,682	48,432,635	99,358,770	10,094,562
Mains	82,774,524	699,536,931	1,158,475,092	452,432,294
Compressor Station Equipment	29,580,081	419,502,648	441,176,423	59,795,626
Measuring and Regulating Equipment	5,864,744	25,554,951	60,929,349	9,339,921
Communication Equipment	420,257	11,530,325	6,905,779	2,183,224
Other Transmission Equipment	95,182	5,728,293	15,322,236	1,469,669
Total Transmission Plant	124,755,501	1,227,830,402	1,815,779,375	552,415,852
Distribution Plant	NE	NE	NE	NE
General Plant				
Land and Land Rights	6,135	1,650,871	NE	NE
Structures and Improvements	1,593,578	22,950,654	315,520	179,146
Office Furniture and Equipment	1,739,009	33,597,584	18,059,643	2,894,315
Transportation Equipment	2,058,730	21,249,277	11,650,804	3,304,740
Stores Equipment	21,550	79,326	NE	NE
Tools, Shop and Garage Equipment	499,514	4,974,841	694,952	2,149,345
Laboratory Equipment	NE	143,156	154,940	98,241
Power Operated Equipment	824,524	2,330,870	5,295,677	2,528,080
Communication Equipment	361,124	1,362,746	NE	778,091
Miscellaneous Equipment	42,574	3,610,160	442,107	66,571
Subtotal General Plant	7,146,738	91,949,485	36,613,643	11,998,529
Other Tangible Property	NE	NE	NE	NE
Total General Plant	7,146,738	91,949,485	36,613,643	11,998,529
Gas Plant Purchased	NE	NE	NE	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service	143,470,433	2,557,466,821	2,179,139,693	564,559,194
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	NE	NE	583,358	NE
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant	NE	11,026,663	287,885	NE
Products Extraction Plant	NE	3,022,795	66,293	NE
Total Natural Gas Production Plant	NE	14,049,458	354,178	NE
Natural Gas Storage Plant				
Underground Storage Plant	NE	43,010	4,183,898	NE
Other Storage Plant	101,196	NE	17,001	NE
Base Load Liquefied Natural Gas				
Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	101,196	43,010	4,200,899	NE
Transmission Plant	7,721,897	50,588,626	25,123,404	34,354,728
Distribution Plant	NE	NE	NE	NE
General Plant	509,232	14,307,648	662,500	1,199,637
Gas Plant Purchased	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	8,332,325	78,988,742	30,924,339	35,554,365
Retirements				
Intangible Plant	NE	NE	NE	NE
Manufactured Gas Production Plant	NE	NE	NE	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Natural Gas Production Plant				
Production and Gathering Plant	NE	\$27,859,019	\$911,344	NE
Products Extraction Plant	NE	12,391,391	NE	NE
Total Natural Gas Production Plant	NE	40,250,410	911,344	NE
Natural Gas Storage Plant				
Underground Storage Plant	NE	715,050	123,716	NE
Other Storage Plant	\$4,388	NE	111,728	NE
Base Load Liquefied Natural Gas				
Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	4,388	715,050	235,444	NE
Transmission Plant	444,458	7,593,412	14,414,195	\$1,092,931
Distribution Plant	NE	NE	NE	NE
General Plant	348,427	3,592,489	7,746,610	798,713
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	797,273	52,151,361	23,307,593	1,891,644

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Summary Gas Plant Accounts				
Gas Plant in Service	\$544,711,453	\$363,720,204	\$444,728,518	\$1,536,400,110
Gas Plant Leased to Others	NE	NE	NE	NE
Gas Plant Held for Future Use	852,047	NE	NE	1,935,978
Gas Plant Construction Work in Progress	7,878,971	437,729	1,285,557	30,165,912
Gas Plant Acquisition Adjustments	NE	NE	8,857	74,224
Total Gas Utility Plant	553,442,471	364,157,933	446,022,932	1,568,576,224
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	282,562,906	303,072,984	219,199,152	748,396,469
Net Gas Utility Plant	270,879,565	61,084,949	226,823,780	820,179,755
Gas Utility Plant in Service				
Intangible Plant	1,966,671	866,970	322,808	43,845
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	NE	NE	NE	220,011
Producing Leaseholds	NE	NE	NE	2,118,424
Gas Rights	NE	NE	NE	18,215,360
Right-of-Way	NE	NE	2,678,951	968,319
Other Land and Land Rights	NE	NE	230,349	NE
Gas Well Structures	NE	NE	NE	NE
Field Compressor Station Structures	NE	NE	1,481,182	146,552
Field Measuring and Regulating Station Structures	NE	NE	2,189,722	907,217
Other Structures	NE	NE	1,119,811	580,721
Producing Gas Wells (well construction)	NE	NE	NE	5,003,187
Producing Gas Wells (well equipment)	NE	NE	NE	5,441,520
Field Lines	NE	NE	63,599,601	17,885,407
Field Compressor Station Equipment	NE	NE	15,047,427	668,706
Field Measuring and Regulating Station Equipment	NE	NE	9,588,618	2,800,375
Drilling and Cleaning Equipment	NE	NE	NE	NE
Purification Equipment	NE	NE	1,925,120	2,229,817
Other Equipment	NE	NE	2,598,498	NE
Unsuccessful Exploration and Development Costs	NE	NE	NE	1,596,443
Total Production and Gathering Plant	NE	NE	100,459,279	58,782,059
Products Extraction Plant				
Land and Land Rights	NE	NE	103,047	NE
Structures and Improvements	NE	NE	3,579,188	NE
Extraction and Refining Equipment	NE	NE	10,899,169	NE
Pipelines	NE	NE	30,475	NE
Extracted Products Storage Equipment	NE	NE	812,652	NE
Compressor Equipment	NE	NE	2,789,923	NE
Gas Measuring and Regulating Equipment	NE	NE	185,068	NE
Other Equipment	NE	NE	267,686	NE
Total Products Extraction Plant	NE	NE	18,667,208	NE
Total Natural Gas Production Plant	NE	NE	119,126,487	58,782,059
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	NE	NE	2,849	8,214,292
Right-of-Way	NE	NE	26,310	49,622
Structures and Improvements	NE	NE	166,091	4,298,201
Wells	NE	NE	8,559,163	49,461,934
Storage Leaseholds and Rights	NE	NE	1,493,236	326,979
Reservoirs	NE	NE	NE	NE
Nonrecoverable Natural Gas	NE	NE	479,816	264,806
Lines	NE	NE	1,351,854	13,607,455
Compressor Station Equipment	NE	NE	1,572,525	29,060,995
Measuring and Regulating Equipment	NE	NE	280,574	3,728,231
Purification Equipment	NE	NE	802,740	807,797
Other Equipment	NE	NE	58,214	NE
Total Underground Storage Plant	NE	NE	14,793,372	109,820,312

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	NE	NE	\$14,793,372	\$109,820,312
Transmission Plant				
Land and Land Rights	\$557,320	\$649,708	378,314	745,667
Right-of-Way	2,389,964	NE	2,820,556	4,072,955
Structures and Improvements	23,398,799	43,664,438	5,266,918	7,097,305
Mains	378,141,861	252,726,510	112,307,242	168,089,190
Compressor Station Equipment	114,055,944	51,318,047	31,068,632	27,255,220
Measuring and Regulating Equipment	12,740,043	6,375,445	4,013,510	18,958,390
Communication Equipment	1,164,852	2,813,504	3,826,632	NE
Other Transmission Equipment	NE	NE	1,114,432	NE
Total Transmission Plant	532,448,783	357,547,652	160,796,236	226,218,727
Distribution Plant	NE	NE	117,938,977	976,212,674
General Plant				
Land and Land Rights	NE	NE	1,417,079	728,087
Structures and Improvements	1,538,333	NE	7,111,744	56,707,304
Office Furniture and Equipment	1,368,533	688,774	5,216,325	22,685,416
Transportation Equipment	3,266,750	3,417,121	10,304,984	28,948,631
Stores Equipment	NE	NE	68,373	1,264,519
Tools, Shop and Garage Equipment	2,176,074	1,199,687	3,489,683	8,470,947
Laboratory Equipment	NE	NE	77,051	1,772,628
Power Operated Equipment	1,328,613	NE	2,777,398	3,359,801
Communication Equipment	617,696	NE	1,121,403	17,241,458
Miscellaneous Equipment	NE	NE	165,939	2,000,689
Subtotal General Plant	10,295,999	5,305,582	31,749,979	143,179,480
Other Tangible Property	NE	NE	659	NE
Total General Plant	10,295,999	5,305,582	31,750,638	143,179,480
Gas Plant Purchased	NE	NE	NE	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service	544,711,453	363,720,204	444,728,518	1,514,257,097
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	1	NE	385	NE
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant	NE	NE	2,549,398	2,701,352
Products Extraction Plant	NE	NE	6,912,248	NE
Total Natural Gas Production Plant	NE	NE	9,461,646	2,701,352
Natural Gas Storage Plant				
Underground Storage Plant	NE	NE	410,153	1,031,476
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	NE	NE	410,153	1,031,476
Transmission Plant	5,125,149	304,143	3,510,380	742,316
Distribution Plant	NE	NE	4,861,424	46,101,194
General Plant	2,210,889	110,839	3,169,696	25,945,508
Gas Plant Purchased	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	7,336,039	414,982	21,413,684	76,521,846
Retirements				
Intangible Plant	NE	NE	NE	NE
Manufactured Gas Production Plant	NE	NE	NE	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Natural Gas Production Plant				
Production and Gathering Plant	NE	NE	\$1,104,077	\$48,268
Products Extraction Plant	NE	NE	44,956	NE
Total Natural Gas Production Plant	NE	NE	1,149,033	48,268
Natural Gas Storage Plant				
Underground Storage Plant	NE	NE	51,325	57,198
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	NE	NE	51,325	57,198
Transmission Plant	\$422,068	NE	493,660	3,803,667
Distribution Plant	NE	NE	727,006	5,403,149
General Plant	419,845	NE	839,608	25,438,804
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	841,913	NE	3,260,632	34,751,086

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Summary Gas Plant Accounts				
Gas Plant in Service	\$54,353,398	\$171,086,513	\$432,184,565	\$303,047,431
Gas Plant Leased to Others	NE	NE	NE	NE
Gas Plant Held for Future Use	117,385	NE	NE	897,786
Gas Plant Construction Work in Progress	1,060,428	1,960,682	3,969,450	10,804,982
Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Total Gas Utility Plant	55,531,211	173,047,195	436,154,015	314,750,199
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	50,513,131	123,452,758	238,984,569	121,267,208
Net Gas Utility Plant	5,018,080	49,594,437	197,169,446	193,482,991
Gas Utility Plant in Service				
Intangible Plant	33,467	1,939,015	1,054,774	104,810
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	NE	NE	NE	225,235
Producing Leaseholds	NE	NE	1,622	427,341
Gas Rights	NE	NE	NE	3,355,126
Right-of-Way	NE	NE	283,213	356,728
Other Land and Land Rights	NE	NE	NE	109,096
Gas Well Structures	NE	NE	NE	38,450
Field Compressor Station Structures	NE	NE	40,935	110,043
Field Measuring and Regulating Station Structures	NE	NE	115,411	31,885
Other Structures	NE	NE	121,315	2,428,797
Producing Gas Wells (well construction)	NE	NE	NE	9,852,280
Producing Gas Wells (well equipment)	NE	NE	NE	9,778,396
Field Lines	NE	NE	11,848,288	18,500,852
Field Compressor Station Equipment	NE	NE	699,491	243,532
Field Measuring and Regulating Station Equipment	NE	NE	2,632,499	6,781,746
Drilling and Cleaning Equipment	NE	NE	NE	2,128,053
Purification Equipment	NE	NE	1,325,877	NE
Other Equipment	NE	NE	NE	613,951
Unsuccessful Exploration and Development Costs	NE	NE	NE	5,893,757
Total Production and Gathering Plant	NE	NE	17,068,651	60,875,268
Products Extraction Plant				
Land and Land Rights	NE	NE	NE	NE
Structures and Improvements	NE	NE	105,619	26,712
Extraction and Refining Equipment	NE	NE	160,263	71,086
Pipelines	NE	NE	80,361	24,882
Extracted Products Storage Equipment	NE	NE	66,357	16,913
Compressor Equipment	NE	NE	20,919	NE
Gas Measuring and Regulating Equipment	NE	NE	36,366	1,761
Other Equipment	NE	NE	76,374	296
Total Products Extraction Plant	NE	NE	546,259	141,650
Total Natural Gas Production Plant	NE	NE	17,614,910	61,016,918
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	25,976	NE	25,854	669,809
Right-of-Way	45,800	NE	254,899	187,176
Structures and Improvements	874,118	NE	1,770,023	4,282,953
Wells	7,205,096	NE	26,050,924	16,118,219
Storage Leaseholds and Rights	761,238	NE	1,541,665	3,650,881
Reservoirs	NE	NE	NE	33,183
Nonrecoverable Natural Gas	NE	NE	3,772,648	NE
Lines	1,865,364	NE	6,482,752	17,646,609
Compressor Station Equipment	6,612,614	NE	17,435,852	13,863,587
Measuring and Regulating Equipment	114,208	NE	1,458,349	669,250
Purification Equipment	3,388	NE	320,724	642,208
Other Equipment	405,038	NE	NE	479,169
Total Underground Storage Plant	17,912,840	NE	59,113,690	58,243,044

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	\$17,912,840	NE	\$59,113,690	\$58,243,044
Transmission Plant				
Land and Land Rights	223,719	\$399,408	198,436	2,018,317
Right-of-Way	1,166,677	1,404,282	4,560,449	3,466,180
Structures and Improvements	1,426,680	16,371,797	7,809,237	2,430,917
Mains	25,898,260	87,055,866	245,409,174	124,539,684
Compressor Station Equipment	3,850,908	52,514,417	55,825,331	14,527,907
Measuring and Regulating Equipment	2,795,746	3,852,743	13,335,347	11,543,922
Communication Equipment	8,275	402,552	5,926,282	NE
Other Transmission Equipment	418,564	121,725	1,503,858	67,027
Total Transmission Plant	35,788,829	162,122,790	334,568,113	158,593,954
Distribution Plant	NE	NE	NE	NE
General Plant				
Land and Land Rights	NE	27,466	191,456	115,698
Structures and Improvements	NE	146,574	8,416,972	8,817,554
Office Furniture and Equipment	NE	1,143,647	2,885,451	2,140,956
Transportation Equipment	618,262	2,237,218	5,014,533	5,508,227
Stores Equipment	NE	NE	NE	13,047
Tools, Shop and Garage Equipment	NE	1,568,971	3,114,031	2,469,974
Laboratory Equipment	NE	NE	25,310	32,108
Power Operated Equipment	NE	1,460,160	NE	3,041,999
Communication Equipment	NE	410,427	145,676	2,921,195
Miscellaneous Equipment	NE	30,245	39,649	21,614
Subtotal General Plant	618,262	7,024,708	19,833,078	25,082,372
Other Tangible Property	NE	NE	NE	6,333
Total General Plant	618,262	7,024,708	19,833,078	25,088,705
Gas Plant Purchased	NE	NE	NE	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service	54,353,398	171,086,513	432,184,565	303,047,431
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	NE	NE	25,382	NE
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant	NE	NE	209,436	1,368,923
Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	NE	NE	209,436	1,368,923
Natural Gas Storage Plant				
Underground Storage Plant	350,719	-93	1,018,443	1,542,634
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	350,719	-93	1,018,443	1,542,634
Transmission Plant	458,107	2,336,594	12,227,082	16,920,529
Distribution Plant	NE	NE	NE	NE
General Plant	51,519	628,788	2,053,439	2,712,010
Gas Plant Purchased	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	860,345	2,965,289	15,533,782	22,544,096
Retirements				
Intangible Plant	NE	-1,204	NE	NE
Manufactured Gas Production Plant	NE	NE	NE	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Natural Gas Production Plant				
Production and Gathering Plant	NE	NE	\$150,676	\$1,629,720
Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	NE	NE	150,676	1,629,720
Natural Gas Storage Plant				
Underground Storage Plant	\$7,894	\$8,327,365	62,979	519,398
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas				
Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	7,894	8,327,365	62,979	519,398
Transmission Plant	21,473	-79,855	1,585,896	1,462,853
Distribution Plant	NE	NE	NE	NE
General Plant	46,717	168,855	736,372	545,851
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	76,084	8,415,161	2,535,923	4,157,822

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Summary Gas Plant Accounts				
Gas Plant in Service	\$2,447,699,300	\$1,295,269,329	NE	\$1,351,983,684
Gas Plant Leased to Others	18,443,427	NE	NE	NE
Gas Plant Held for Future Use	9,052,171	663,561	NE	21,819
Gas Plant Construction Work in Progress	74,833,857	5,524,047	NE	3,773,818
Gas Plant Acquisition Adjustments	NE	NE	NE	122,088
Total Gas Utility Plant	2,550,028,755	1,301,456,937	NE	1,355,901,409
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	1,688,895,757	315,518,710	NE	642,160,475
Net Gas Utility Plant	861,132,998	985,938,227	NE	713,740,934
Gas Utility Plant in Service				
Intangible Plant	867,784	NE	NE	3,399,219
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	NE	NE	NE	NE
Producing Leaseholds	6,052,838	NE	NE	52,452,811
Gas Rights	NE	NE	NE	NE
Right-of-Way	3,545,713	NE	NE	10,937,682
Other Land and Land Rights	317,442	NE	NE	1,002,996
Gas Well Structures	NE	NE	NE	NE
Field Compressor Station Structures	1,747,491	NE	NE	3,846,889
Field Measuring and Regulating Station Structures	1,414,342	NE	NE	595,717
Other Structures	277,081	NE	NE	12,184,744
Producing Gas Wells (well construction)	6,109,559	NE	NE	81,167,874
Producing Gas Wells (well equipment)	1,831,420	NE	NE	37,527,779
Field Lines	60,715,522	NE	NE	214,502,661
Field Compressor Station Equipment	16,985,263	NE	NE	63,848,415
Field Measuring and Regulating Station Equipment	12,665,064	NE	NE	17,094,239
Drilling and Cleaning Equipment	NE	NE	NE	NE
Purification Equipment	2,362,770	NE	NE	60,317,475
Other Equipment	NE	NE	NE	3,708,769
Unsuccessful Exploration and Development Costs	NE	NE	NE	NE
Total Production and Gathering Plant	114,024,505	NE	NE	559,188,051
Products Extraction Plant				
Land and Land Rights	NE	NE	NE	287,586
Structures and Improvements	NE	NE	NE	15,790,114
Extraction and Refining Equipment	NE	NE	NE	82,915,221
Pipelines	NE	NE	NE	1,048,314
Extracted Products Storage Equipment	NE	NE	NE	3,982,402
Compressor Equipment	NE	NE	NE	28,636,144
Gas Measuring and Regulating Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	NE	1,259,020
Total Products Extraction Plant	NE	NE	NE	133,918,801
Total Natural Gas Production Plant	114,024,505	NE	NE	693,106,852
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	295,963	NE	NE	59,253
Right-of-Way	2,972,762	NE	NE	4,489
Structures and Improvements	13,602,379	NE	NE	840,037
Wells	79,935,104	NE	NE	1,139,404
Storage Leaseholds and Rights	6,367,103	NE	NE	123,261
Reservoirs	19,013,092	NE	NE	4,195,111
Nonrecoverable Natural Gas	24,174,146	NE	NE	1,977,805
Lines	80,325,914	NE	NE	771,189
Compressor Station Equipment	59,372,943	NE	NE	1,388,717
Measuring and Regulating Equipment	7,777,636	NE	NE	103,029
Purification Equipment	16,774,985	NE	NE	340,357
Other Equipment	3,734,828	NE	NE	130,516
Total Underground Storage Plant	314,346,855	NE	NE	11,073,168

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Other Storage Plant	NE	NE	NE	\$48,496,134
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	\$314,346,855	NE	NE	59,569,302
Transmission Plant				
Land and Land Rights	3,687,615	\$759,764	NE	1,673,345
Right-of-Way	31,664,084	18,398,014	NE	15,656,202
Structures and Improvements	66,217,671	18,272,158	NE	17,409,336
Mains	1,418,819,706	1,202,125,426	NE	415,138,675
Compressor Station Equipment	308,326,696	28,614,503	NE	89,281,668
Measuring and Regulating Equipment	49,728,132	8,418,730	NE	11,318,396
Communication Equipment	48,564,375	10,938,645	NE	5,607,827
Other Transmission Equipment	11,058,120	NE	NE	2,845,200
Total Transmission Plant	1,938,066,399	1,287,527,240	NE	558,930,649
Distribution Plant	NE	NE	NE	NE
General Plant				
Land and Land Rights	NE	162,731	NE	NE
Structures and Improvements	16,120,953	29,894	NE	1,371,724
Office Furniture and Equipment	23,416,312	1,411,781	NE	17,703,315
Transportation Equipment	22,402,314	1,864,657	NE	12,768,460
Stores Equipment	NE	NE	NE	NE
Tools, Shop and Garage Equipment	12,883,571	1,388,804	NE	1,334,778
Laboratory Equipment	65,812	NE	NE	20,804
Power Operated Equipment	5,274,346	2,587,931	NE	994,570
Communication Equipment	NE	296,291	NE	2,305,702
Miscellaneous Equipment	NE	NE	NE	478,309
Subtotal General Plant	80,163,308	7,742,089	NE	36,977,662
Other Tangible Property	NE	NE	NE	NE
Total General Plant	80,163,308	7,742,089	NE	36,977,662
Gas Plant Purchased	NE	NE	NE	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service	2,447,468,851	1,295,269,329	NE	1,351,983,684
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	NE	NE	NE	19,201
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant	1,883,415	NE	NE	7,284,310
Products Extraction Plant	NE	NE	NE	865,096
Total Natural Gas Production Plant	1,883,415	NE	NE	8,149,406
Natural Gas Storage Plant				
Underground Storage Plant	1,753,495	NE	NE	22,582
Other Storage Plant	NE	NE	NE	54,173
Base Load Liquefied Natural Gas Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	1,753,495	NE	NE	76,755
Transmission Plant	37,795,188	332,641	NE	5,767,252
Distribution Plant	NE	NE	NE	NE
General Plant	11,484,648	230,617	NE	1,968,092
Gas Plant Purchased	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	52,916,746	563,258	NE	15,980,706
Retirements				
Intangible Plant	NE	NE	NE	NE
Manufactured Gas Production Plant	NE	NE	NE	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Natural Gas Production Plant				
Production and Gathering Plant	\$2,806,273	NE	NE	\$2,122,388
Products Extraction Plant	NE	NE	NE	218,300
Total Natural Gas Production Plant	2,806,273	NE	NE	2,340,688
Natural Gas Storage Plant				
Underground Storage Plant	975,726	NE	NE	NE
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas				
Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	975,726	NE	NE	NE
Transmission Plant	19,903,527	\$2,552	NE	2,852,127
Distribution Plant	NE	NE	NE	NE
General Plant	9,864,875	147,340	NE	1,326,581
Gas Plant Sold	NE	NE	NE	1,770,464
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	33,550,401	149,892	NE	8,289,860

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Summary Gas Plant Accounts				
Gas Plant in Service	\$63,041,756	\$415,515,669	\$1,586,427,459	\$369,432,278
Gas Plant Leased to Others	NE	NE	NE	NE
Gas Plant Held for Future Use	NE	113,984	151,787	NE
Gas Plant Construction Work in Progress	NE	4,127,769	25,646,299	6,057,646
Gas Plant Acquisition Adjustments	NE	NE	NE	1,228,923
Total Gas Utility Plant	63,041,756	419,757,422	1,612,225,545	376,718,847
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	15,705,069	294,813,302	984,170,418	126,671,082
Net Gas Utility Plant	47,336,687	124,944,120	628,055,127	250,047,765
Gas Utility Plant in Service				
Intangible Plant	NE	1,268,643	695,751	2,067,728
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	NE	NE	NE	NE
Producing Leaseholds	NE	NE	NE	NE
Gas Rights	NE	NE	NE	NE
Right-of-Way	NE	226,651	13,932,537	NE
Other Land and Land Rights	NE	NE	1,003,339	1,212,537
Gas Well Structures	NE	NE	NE	NE
Field Compressor Station Structures	NE	NE	20,061,958	913,980
Field Measuring and Regulating Station Structures	NE	NE	12,213,700	464,585
Other Structures	NE	NE	3,808,090	12,613,067
Producing Gas Wells (well construction)	NE	NE	NE	NE
Producing Gas Wells (well equipment)	NE	NE	NE	97,759
Field Lines	NE	1,097,202	260,208,449	30,836,608
Field Compressor Station Equipment	NE	NE	143,797,126	8,379,493
Field Measuring and Regulating Station Equipment	NE	65,920	33,827,606	15,434,292
Drilling and Cleaning Equipment	NE	NE	NE	NE
Purification Equipment	NE	NE	4,603,119	2,224,662
Other Equipment	NE	NE	8,525,863	684,542
Unsuccessful Exploration and Development Costs	NE	NE	NE	NE
Total Production and Gathering Plant	NE	1,389,773	501,981,787	72,861,525
Products Extraction Plant				
Land and Land Rights	NE	NE	NE	NE
Structures and Improvements	NE	NE	298,258	NE
Extraction and Refining Equipment	NE	NE	3,812,516	NE
Pipelines	NE	NE	NE	NE
Extracted Products Storage Equipment	NE	NE	184,523	NE
Compressor Equipment	NE	NE	559,467	NE
Gas Measuring and Regulating Equipment	NE	NE	23,413	NE
Other Equipment	NE	NE	NE	NE
Total Products Extraction Plant	NE	NE	4,878,177	NE
Total Natural Gas Production Plant	NE	1,389,773	506,859,964	72,861,525
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	NE	NE	1,792,988	69,613
Right-of-Way	NE	NE	232,730	6,781
Structures and Improvements	NE	NE	4,614,014	2,387,476
Wells	NE	NE	26,364,379	29,990,984
Storage Leaseholds and Rights	NE	NE	2,964,489	84,031
Reservoirs	NE	NE	7,586,586	867,529
Nonrecoverable Natural Gas	NE	NE	12,280,029	9,878,606
Lines	NE	NE	13,258,629	7,953,340
Compressor Station Equipment	NE	NE	13,575,351	22,021,238
Measuring and Regulating Equipment	NE	NE	3,831,951	1,353,868
Purification Equipment	NE	NE	1,482,307	6,763,610
Other Equipment	NE	NE	123,970	163,935
Total Underground Storage Plant	NE	NE	88,107,423	81,541,011

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	NE	NE	\$88,107,423	\$81,541,011
Transmission Plant				
Land and Land Rights	NE	\$247,375	2,197,396	204,077
Right-of-Way	\$140,305	2,691,397	6,501,060	1,114,087
Structures and Improvements	540,544	15,322,051	57,490,713	6,042,021
Mains	57,744,556	276,799,922	443,444,967	148,747,012
Compressor Station Equipment	NE	96,981,466	318,662,976	29,836,755
Measuring and Regulating Equipment	3,420,975	3,205,419	19,009,087	12,853,184
Communication Equipment	974,728	7,256,738	15,056,060	1,278,628
Other Transmission Equipment	220,648	1,624,345	22,502,099	11,810
Total Transmission Plant	63,041,756	404,128,713	884,864,358	200,087,574
Distribution Plant	NE	NE	NE	NE
General Plant				
Land and Land Rights	NE	NE	5,300,000	NE
Structures and Improvements	NE	NE	48,055,089	NE
Office Furniture and Equipment	NE	3,747,287	17,048,602	1,192,844
Transportation Equipment	NE	1,674,350	20,931,726	5,741,693
Stores Equipment	NE	34,837	626,650	42,509
Tools, Shop and Garage Equipment	NE	2,297,151	5,471,667	1,754,653
Laboratory Equipment	NE	NE	657,035	226,361
Power Operated Equipment	NE	919,014	4,293,058	3,041,796
Communication Equipment	NE	NE	NE	675,320
Miscellaneous Equipment	NE	55,901	748,494	199,264
Subtotal General Plant	NE	8,728,540	103,132,321	12,874,440
Other Tangible Property	NE	NE	NE	NE
Total General Plant	NE	8,728,540	103,132,321	12,874,440
Gas Plant Purchased	NE	NE	NE	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service	63,041,756	415,515,669	1,583,659,817	369,432,278
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	NE	112,269	12,200	NE
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant	NE	70	1,494,659	1,978,860
Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	NE	70	1,494,659	1,978,860
Natural Gas Storage Plant				
Underground Storage Plant	NE	NE	1,190,709	634,624
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	NE	NE	1,190,709	634,624
Transmission Plant	NE	6,516,234	37,030,578	8,532,595
Distribution Plant	NE	NE	NE	NE
General Plant	NE	1,486,182	25,330,931	318,344
Gas Plant Purchased	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	NE	8,114,755	65,059,077	11,464,423
Retirements				
Intangible Plant	NE	NE	14,430	NE
Manufactured Gas Production Plant	NE	NE	NE	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Natural Gas Production Plant				
Production and Gathering Plant	NE	NE	\$3,736,189	\$5,139,603
Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	NE	NE	3,736,189	5,139,603
Natural Gas Storage Plant				
Underground Storage Plant	NE	NE	6,812,825	341,403
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas				
Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	NE	NE	6,812,825	341,403
Transmission Plant	NE	\$2,187,255	9,685,838	4,923,481
Distribution Plant	NE	NE	NE	NE
General Plant	NE	257,578	3,844,203	873,702
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	NE	2,444,833	24,093,485	11,278,189

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Natural Gas Production Plant				
Production and Gathering Plant	\$454,637	\$426,281	NE	NE
Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	454,637	426,281	NE	NE
Natural Gas Storage Plant				
Underground Storage Plant	NE	7,433	NE	\$273
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas				
Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	NE	7,433	NE	273
Transmission Plant	284,368	5,060,614	\$1,071,633	3,651,156
Distribution Plant	NE	NE	NE	NE
General Plant	10,472	1,917,569	NE	1,930,119
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	749,477	7,411,897	1,071,633	5,581,548

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Summary Gas Plant Accounts				
Gas Plant in Service	\$3,096,396,872	\$952,884,551	\$269,206,364	\$10,334
Gas Plant Leased to Others	NE	NE	NE	NE
Gas Plant Held for Future Use	2,924,618	28,378	NE	NE
Gas Plant Construction Work in Progress	180,663,849	22,566,219	NE	NE
Gas Plant Acquisition Adjustments	NE	NE	NE	NE
Total Gas Utility Plant	3,279,985,339	975,479,148	269,206,364	10,334
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	1,691,602,187	679,993,143	80,338,110	NE
Net Gas Utility Plant	1,588,383,152	295,486,005	188,868,254	10,334
Gas Utility Plant in Service				
Intangible Plant	366,896	3,413,761	NE	10,334
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	NE	NE	NE	NE
Producing Leaseholds	5,835,700	285,931	NE	NE
Gas Rights	186,669	NE	NE	NE
Right-of-Way	3,329	58,764	NE	NE
Other Land and Land Rights	329	5,706	NE	NE
Gas Well Structures	NE	NE	NE	NE
Field Compressor Station Structures	5,714	55,638	NE	NE
Field Measuring and Regulating Station Structures	NE	3,471	NE	NE
Other Structures	232	2,583	NE	NE
Producing Gas Wells (well construction)	3,904,467	335,228	NE	NE
Producing Gas Wells (well equipment)	1,510,784	108,592	NE	NE
Field Lines	382,973	2,191,569	NE	NE
Field Compressor Station Equipment	319,312	630,725	NE	NE
Field Measuring and Regulating Station Equipment	11,602	80,084	NE	NE
Drilling and Cleaning Equipment	NE	NE	NE	NE
Purification Equipment	NE	75,251	NE	NE
Other Equipment	606,634	NE	NE	NE
Unsuccessful Exploration and Development Costs	NE	NE	NE	NE
Total Production and Gathering Plant	12,767,745	3,833,542	NE	NE
Products Extraction Plant				
Land and Land Rights	NE	NE	NE	NE
Structures and Improvements	NE	NE	NE	NE
Extraction and Refining Equipment	NE	NE	NE	NE
Pipelines	NE	NE	NE	NE
Extracted Products Storage Equipment	NE	NE	NE	NE
Compressor Equipment	NE	NE	NE	NE
Gas Measuring and Regulating Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	NE	NE
Total Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	12,767,745	3,833,542	NE	NE
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	168,846	219,742	NE	NE
Right-of-Way	76,180	214,293	NE	NE
Structures and Improvements	3,660,393	3,019,281	NE	NE
Wells	38,691,133	26,000,383	NE	NE
Storage Leaseholds and Rights	1,869,685	8,187,117	NE	NE
Reservoirs	4,259,706	2,321,896	NE	NE
Nonrecoverable Natural Gas	NE	6,313,054	NE	NE
Lines	17,588,725	19,980,083	NE	NE
Compressor Station Equipment	25,019,433	10,705,869	NE	NE
Measuring and Regulating Equipment	1,872,837	700,200	NE	NE
Purification Equipment	NE	2,652,023	NE	NE
Other Equipment	1,992,261	1,360,808	NE	NE
Total Underground Storage Plant	95,199,199	81,674,749	NE	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Other Storage Plant	\$697,214	NE	NE	NE
Base Load Liquefied Natural Gas Terminals and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	95,896,413	\$81,674,749	NE	NE
Transmission Plant				
Land and Land Rights	4,652,463	1,409,006	\$724,062	NE
Right-of-Way	45,832,329	9,958,594	3,672,077	NE
Structures and Improvements	53,388,026	25,234,736	1,713,096	NE
Mains	2,252,252,206	584,454,193	258,340,488	NE
Compressor Station Equipment	419,436,236	156,632,199	341,745	NE
Measuring and Regulating Equipment	65,801,469	16,549,808	3,511,549	NE
Communication Equipment	21,095,640	5,107,887	903,347	NE
Other Transmission Equipment	14,851,929	892,372	NE	NE
Total Transmission Plant	2,877,310,298	800,238,795	269,206,364	NE
Distribution Plant	NE	NE	NE	NE
General Plant				
Land and Land Rights	2,658	799,137	NE	NE
Structures and Improvements	20,895,010	15,579,072	NE	NE
Office Furniture and Equipment	29,240,698	14,726,898	NE	NE
Transportation Equipment	41,478,198	20,039,932	NE	NE
Stores Equipment	NE	7,043	NE	NE
Tools, Shop and Garage Equipment	8,254,746	4,018,451	NE	NE
Laboratory Equipment	1,610,499	288,791	NE	NE
Power Operated Equipment	7,250,945	5,974,848	NE	NE
Communication Equipment	NE	NE	NE	NE
Miscellaneous Equipment	1,322,766	64,199	NE	NE
Subtotal General Plant	110,055,520	61,498,371	NE	NE
Other Tangible Property	NE	NE	NE	NE
Total General Plant	110,055,520	61,498,371	NE	NE
Gas Plant Purchased	NE	NE	NE	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service	3,096,396,872	950,659,218	269,206,364	\$10,334
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	NE	16,530	NE	NE
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant	NE	269	NE	NE
Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	NE	269	NE	NE
Natural Gas Storage Plant				
Underground Storage Plant	395,485	2,377,597	NE	NE
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminals and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	395,485	2,377,597	NE	NE
Transmission Plant	189,305,884	19,904,505	-11,573	NE
Distribution Plant	NE	NE	NE	NE
General Plant	7,427,948	6,463,749	NE	NE
Gas Plant Purchased	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	197,129,317	28,762,650	-11,573	NE
Retirements				
Intangible Plant	NE	NE	NE	NE
Manufactured Gas Production Plant	NE	NE	NE	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Natural Gas Production Plant				
Production and Gathering Plant	NE	\$11,004	NE	NE
Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	NE	11,004	NE	NE
Natural Gas Storage Plant				
Underground Storage Plant	\$266,127	362,477	NE	NE
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas				
Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	266,127	362,477	NE	NE
Transmission Plant	6,222,910	2,621,543	NE	NE
Distribution Plant	NE	NE	NE	NE
General Plant	4,085,894	1,500,755	NE	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	10,574,931	4,495,779	NE	NE

See footnotes at end of table.

Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)

Item	Transcontinental Gas Pipe Line Corporation	Trans-western Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Summary Gas Plant Accounts				
Gas Plant in Service	\$3,351,127,790	\$696,462,003	\$1,008,259,964	\$63,055,768
Gas Plant Leased to Others	165,565	NE	NE	NE
Gas Plant Held for Future Use	7,564,881	NE	115,337	NE
Gas Plant Construction Work in Progress	45,916,383	32,424	2,116,151	4,847
Gas Plant Acquisition Adjustments	926,652	NE	NE	NE
Total Gas Utility Plant	3,405,701,271	696,494,427	1,010,491,452	63,060,615
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	1,956,912,923	440,057,802	725,565,806	50,978,716
Net Gas Utility Plant	1,448,788,348	256,436,625	284,925,646	12,081,899
Gas Utility Plant in Service				
Intangible Plant	16,605,087	2,398,007	266,589	153,000
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	NE	NE	NE	NE
Producing Leaseholds	NE	NE	NE	NE
Gas Rights	NE	NE	NE	NE
Right-of-Way	382,118	NE	869,159	NE
Other Land and Land Rights	306,563	74,886	20,373	NE
Gas Well Structures	NE	NE	NE	NE
Field Compressor Station Structures	501,163	NE	64,929	NE
Field Measuring and Regulating Station Structures	735,788	335,704	1,345,390	NE
Other Structures	496,614	3,446,107	34,475	NE
Producing Gas Wells (well construction)	NE	NE	NE	NE
Producing Gas Wells (well equipment)	NE	NE	NE	NE
Field Lines	13,714,188	NE	99,942,713	NE
Field Compressor Station Equipment	23,550,831	NE	5,824,931	NE
Field Measuring and Regulating Station Equipment	32,548,833	17,088,172	8,841,041	NE
Drilling and Cleaning Equipment	NE	NE	NE	NE
Purification Equipment	9,244,229	22,894,235	635,433	NE
Other Equipment	NE	1,395,262	NE	NE
Unsuccessful Exploration and Development Costs	NE	NE	NE	NE
Total Production and Gathering Plant	81,480,327	45,234,366	117,578,444	NE
Products Extraction Plant				
Land and Land Rights	NE	NE	NE	NE
Structures and Improvements	NE	NE	NE	NE
Extraction and Refining Equipment	NE	NE	NE	NE
Pipelines	NE	NE	NE	NE
Extracted Products Storage Equipment	NE	NE	NE	NE
Compressor Equipment	NE	NE	NE	NE
Gas Measuring and Regulating Equipment	NE	NE	NE	NE
Other Equipment	NE	NE	NE	NE
Total Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	81,480,327	45,234,366	117,578,444	NE
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	469,312	NE	NE	NE
Right-of-Way	54,876	NE	637,113	NE
Structures and Improvements	6,534,434	NE	2,481,935	NE
Wells	46,729,493	NE	15,531,657	NE
Storage Leaseholds and Rights	5,760,830	NE	2,297,665	NE
Reservoirs	11,496,197	NE	356,514	NE
Nonrecoverable Natural Gas	4,028,874	NE	NE	NE
Lines	14,887,324	NE	11,348,625	NE
Compressor Station Equipment	41,646,863	NE	5,709,660	NE
Measuring and Regulating Equipment	906,950	NE	1,740,780	NE
Purification Equipment	3,466,531	NE	NE	NE
Other Equipment	781,575	NE	182,219	NE
Total Underground Storage Plant	136,763,259	NE	40,286,168	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Transcontinental Gas Pipe Line Corporation	Transwestern Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Other Storage Plant	\$28,607,284	NE	NE	NE
Base Load Liquefied Natural Gas				
Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	165,370,543	NE	\$40,286,168	NE
Transmission Plant				
Land and Land Rights	6,478,892	\$504,762	927,317	\$58,537
Right-of-Way	31,489,242	19,403,782	7,241,824	39,313
Structures and Improvements	52,728,473	32,042,220	47,783,866	3,337,646
Mains	2,404,320,224	417,619,631	601,696,431	38,248,670
Compressor Station Equipment	378,200,678	143,763,775	139,971,800	NE
Measuring and Regulating Equipment	21,967,307	15,786,511	5,325,285	NE
Communication Equipment	NE	2,722,770	10,730,399	NE
Other Transmission Equipment	47,125,581	1,492,096	10,392,751	21,110,301
Total Transmission Plant	2,942,310,397	633,335,547	824,069,673	62,794,467
Distribution Plant	NE	NE	NE	NE
General Plant				
Land and Land Rights	172,013	NE	NE	NE
Structures and Improvements	51,019,756	NE	1,166,994	NE
Office Furniture and Equipment	35,666,551	1,362,872	4,145,903	12,218
Transportation Equipment	28,443,420	5,267,556	13,876,314	NE
Stores Equipment	246,327	76,398	60,793	4,530
Tools, Shop and Garage Equipment	7,318,274	4,990,737	3,900,588	33,251
Laboratory Equipment	217,112	501,799	171,579	4,081
Power Operated Equipment	4,862,159	1,732,376	2,542,689	54,221
Communication Equipment	14,833,389	99,437	NE	NE
Miscellaneous Equipment	2,582,435	1,462,908	194,230	NE
Subtotal General Plant	145,361,436	15,494,083	26,059,090	108,301
Other Tangible Property	NE	NE	NE	NE
Total General Plant	145,361,436	15,494,083	26,059,090	108,301
Gas Plant Purchased	NE	NE	NE	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service	3,351,127,790	696,462,003	1,008,259,964	63,055,768
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	3,633,124	NE	NE	NE
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant	9,055,163	3,168,402	47,739	NE
Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	9,055,163	3,168,402	47,739	NE
Natural Gas Storage Plant				
Underground Storage Plant	329,077	NE	953,861	NE
Other Storage Plant	140,281	NE	NE	NE
Base Load Liquefied Natural Gas				
Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	469,358	NE	953,861	NE
Transmission Plant	161,178,513	5,006,187	24,487,797	31,841
Distribution Plant	NE	NE	NE	NE
General Plant	4,016,596	1,247,254	1,612,382	NE
Gas Plant Purchased	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	178,352,754	9,421,843	27,101,779	31,841
Retirements				
Intangible Plant	NE	NE	11,190	NE
Manufactured Gas Production Plant	NE	NE	NE	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	Transconti- nental Gas Pipe Line Corporation	Trans- western Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Natural Gas Production Plant				
Production and Gathering Plant	\$642,443	\$233,629	\$371,607	NE
Products Extraction Plant	NE	NE	NE	NE
Total Natural Gas Production Plant	642,443	233,629	371,607	NE
Natural Gas Storage Plant				
Underground Storage Plant	299,703	NE	NE	NE
Other Storage Plant	21,329	NE	NE	NE
Base Load Liquefied Natural Gas Terminals and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	321,032	NE	NE	NE
Transmission Plant	3,546,806	1,116,735	953,244	\$3,732
Distribution Plant	NE	NE	NE	NE
General Plant	12,377,662	794,130	1,127,416	1,863
Gas Plant Sold	NE	NE	7,709,499	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	16,887,943	2,144,494	10,172,956	5,595

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Summary Gas Plant Accounts				
Gas Plant in Service	\$1,142,703,430	\$669,601,944	\$205,592,570	\$176,570,697
Gas Plant Leased to Others	NE	NE	396,131	NE
Gas Plant Held for Future Use	101,391	NE	106,894	2,953,655
Gas Plant Construction Work in Progress	17,448,029	13,281,605	3,402,992	NE
Gas Plant Acquisition Adjustments	223,452	NE	314,667	NE
Total Gas Utility Plant	1,160,476,302	682,883,549	209,813,254	179,524,352
(Less) Gas Plant Accumulated Provisions for Depreciation, Depletion, and Amortization	797,500,919	395,856,439	79,085,338	52,287,017
Net Gas Utility Plant	362,975,383	287,027,110	130,727,916	127,237,335
Gas Utility Plant in Service				
Intangible Plant	NE	7,433,218	101,789	610,887
Manufactured Gas Production Plant	297,197	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant				
Producing Lands	NE	NE	28,665	NE
Producing Leaseholds	NE	11,032	1,664,803	NE
Gas Rights	NE	NE	34,115	NE
Right-of-Way	5,136,314	6,632,345	359,182	NE
Other Land and Land Rights	550,224	593,669	1,467	NE
Gas Well Structures	NE	NE	NE	NE
Field Compressor Station Structures	2,987,989	2,829,338	454,270	NE
Field Measuring and Regulating Station Structures	3,803,214	1,551,207	317,229	NE
Other Structures	861,445	1,661,976	123,310	NE
Producing Gas Wells (well construction)	NE	NE	3,915,330	NE
Producing Gas Wells (well equipment)	NE	NE	1,328,087	NE
Field Lines	167,069,483	81,445,257	22,881,389	NE
Field Compressor Station Equipment	13,438,481	25,751,216	4,013,418	NE
Field Measuring and Regulating Station Equipment	21,982,397	9,395,995	2,547,095	NE
Drilling and Cleaning Equipment	NE	NE	540,409	NE
Purification Equipment	9,773,297	9,502,516	85,506	NE
Other Equipment	NE	58,812	198,982	NE
Unsuccessful Exploration and Development Costs	NE	NE	4,138,819	NE
Total Production and Gathering Plant	225,602,844	139,433,363	42,632,076	NE
Products Extraction Plant				
Land and Land Rights	NE	6,178	NE	NE
Structures and Improvements	NE	334,541	169,365	NE
Extraction and Refining Equipment	1,183,221	2,515,492	256,208	NE
Pipelines	NE	101,207	NE	NE
Extracted Products Storage Equipment	NE	277,957	20,266	NE
Compressor Equipment	NE	104,395	940,104	NE
Gas Measuring and Regulating Equipment	NE	63,469	6,718	NE
Other Equipment	NE	1,992	14,560	NE
Total Products Extraction Plant	1,183,221	3,405,231	1,407,221	NE
Total Natural Gas Production Plant	226,786,065	142,838,594	44,039,297	NE
Natural Gas Storage and Processing Plant				
Underground Storage Plant				
Land	328,009	252,587	2,979	NE
Right-of-Way	58,764	276,667	10,639	NE
Structures and Improvements	3,000,698	1,417,853	719,395	NE
Wells	17,098,835	14,751,935	3,950,654	NE
Storage Leaseholds and Rights	1,483,866	7,347,496	4,820,976	NE
Reservoirs	3,665,269	NE	NE	NE
Nonrecoverable Natural Gas	803,010	NE	NE	NE
Lines	4,518,620	12,147,432	2,654,085	NE
Compressor Station Equipment	16,945,604	11,183,807	2,668,300	NE
Measuring and Regulating Equipment	1,584,023	292,687	683,016	NE
Purification Equipment	5,348,031	2,220,359	399,162	NE
Other Equipment	1,274,300	44,222	21,234	NE
Total Underground Storage Plant	56,109,029	49,935,045	15,930,440	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage and Processing Plant	\$56,109,029	\$49,935,045	\$15,930,440	NE
Transmission Plant				
Land and Land Rights	4,024,902	1,093,819	606,958	\$1,582
Right-of-Way	15,293,618	9,008,818	989,341	1,676,512
Structures and Improvements	23,140,957	21,840,134	7,052,748	3,480,451
Mains	608,131,203	307,981,625	76,033,725	157,541,518
Compressor Station Equipment	78,018,648	85,984,372	43,776,576	9,299,882
Measuring and Regulating Equipment	32,204,861	16,336,984	5,413,123	3,576,187
Communication Equipment	18,066,450	6,271,530	NE	84,948
Other Transmission Equipment	4,283,892	4,919	913,165	101,955
Total Transmission Plant	783,164,531	448,522,201	134,785,636	175,763,035
Distribution Plant	NE	NE	NE	NE
General Plant				
Land and Land Rights	713,169	29,461	10,104	NE
Structures and Improvements	40,023,318	331,509	838,152	NE
Office Furniture and Equipment	19,770,661	2,634,421	969,718	NE
Transportation Equipment	5,408,615	5,187,633	1,981,960	NE
Stores Equipment	21,287	NE	8,096	24,397
Tools, Shop and Garage Equipment	4,606,025	2,926,165	1,096,138	148,364
Laboratory Equipment	58,294	NE	157,107	NE
Power Operated Equipment	3,485,443	1,617,965	951,322	NE
Communication Equipment	NE	1,166	4,665,365	NE
Miscellaneous Equipment	2,259,796	10,821	57,446	24,014
Subtotal General Plant	76,346,608	12,739,141	10,735,408	196,775
Other Tangible Property	NE	8,133,745	NE	NE
Total General Plant	76,346,608	20,872,886	10,735,408	196,775
Gas Plant Purchased	NE	NE	NE	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Utility Plant in Service	1,142,703,430	669,601,944	205,592,570	176,570,697
Additions and Retirements of Gas Plant				
Additions				
Intangible Plant	NE	3,010,188	26,351	NE
Manufactured Gas Production Plant	NE	NE	NE	NE
Natural Gas Production Plant				
Production and Gathering Plant	490,708	1,165,759	104,947	NE
Products Extraction Plant	NE	171,206	4,872	NE
Total Natural Gas Production Plant	490,708	1,336,965	109,819	NE
Natural Gas Storage Plant				
Underground Storage Plant	187,025	390,490	246,034	NE
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas Terminating and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	187,025	390,490	246,034	NE
Transmission Plant	18,465,130	27,922,649	1,847,539	-198,818
Distribution Plant	NE	NE	NE	NE
General Plant	1,954,436	3,573,845	764,357	NE
Gas Plant Purchased	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Additions	21,097,299	36,234,137	2,994,100	-198,818
Retirements				
Intangible Plant	NE	NE	NE	NE
Manufactured Gas Production Plant	NE	NE	NE	NE

See footnotes at end of table.

**Table 27. Statement of Gas Utility Plant Statistics as of December 31, 1988
(Continued)**

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Natural Gas Production Plant				
Production and Gathering Plant	\$10,532,741	\$529,030	\$462,185	NE
Products Extraction Plant	NE	NE	719	NE
Total Natural Gas Production Plant	10,532,741	529,030	462,904	NE
Natural Gas Storage Plant				
Underground Storage Plant	15,296	96,038	4,870	NE
Other Storage Plant	NE	NE	NE	NE
Base Load Liquefied Natural Gas				
Terminaling and Processing Plant	NE	NE	NE	NE
Total Natural Gas Storage Plant	15,296	96,038	4,870	NE
Transmission Plant	1,891,067	7,094,731	1,113,909	NE
Distribution Plant	NE	NE	NE	NE
General Plant	1,160,088	1,513,786	208,740	NE
Gas Plant Sold	NE	NE	NE	NE
Experimental Plant Unclassified	NE	NE	NE	NE
Total Gas Plant Retirements	13,599,192	9,233,585	1,790,423	NE

NE No entry this period.

Note: Negative values are credits. Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Table 28. Gas Account Statistics as of December 31, 1988
(Thousand Cubic Feet)

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Gas Received				
Natural Gas Produced	131,360,080	NE	NE	NE
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	2	NE	NE	NE
Manufactured Gas Produced and Mixed with Natural Gas	2	NE	NE	NE
Natural Gas Purchased	6,717,263,474	155,687,442	197,625,186	243,942,866
Gas of Others Received for Transportation or Compression	15,721,395,781	36,007,913	920,330,382	363,083,425
Receipts of Respondents Gas Transported or Compressed by Others	3,912,861,533	NE	422,342,119	34,186,476
Exchange Gas Received	7,383,568,561	3,695,638	231,263,097	17,275,451
Gas Received from Underground Storage	1,072,001,466	NE	121,962,150	28,581,836
Other Receipts	109,159,996	-6,838	36,760,611	8,528,565
Total Receipts	35,047,610,870	195,384,155	1,930,283,545	695,598,619
Gas Delivered				
Natural Gas Sales				
Local Distribution	495,880,324	NE	NE	234,173,495
Main Line Industrial Sales	263,028,490	NE	NE	3,119,797
Sales for Resale	5,646,911,023	155,225,246	188,087,997	4,732,916
Interdepartmental Sales	2	NE	NE	NE
Total Natural Gas Sales	6,405,819,821	155,225,246	188,087,997	242,026,208
Deliveries of Gas Transported or Compressed for Others	15,704,608,586	35,968,699	922,822,001	347,113,983
Deliveries of Respondents Gas Transported or Compressed by Others	3,922,829,364	NE	423,475,053	34,422,714
Exchange Gas Delivered	7,346,254,630	3,741,078	231,889,198	15,407,974
Natural Gas Used by Respondents	364,620,912	330,766	17,410,137	6,998,165
Natural Gas Delivered to Storage	1,101,392,333	NE	119,507,724	34,330,560
Natural Gas for Franchise Requirements	29,876	NE	NE	29,874
Other Deliveries	88,662,493	-70,990	26,720,277	951,285
Total Deliveries	34,934,218,002	495,194,799	1,929,912,387	681,280,763
Unaccounted for				
Production Systems Losses	2	NE	NE	NE
Storage Losses	20,910,611	NE	371,158	NE
Transmission System Losses	31,246,508	NE	NE	5,812,225
Distribution System Losses	9,151,194	NE	NE	8,505,631
Other Losses	52,084,558	189,356	NE	NE
Total Unaccounted for	113,392,867	189,356	371,158	14,317,856
Total Deliveries and Unaccounted for	35,047,610,869	195,384,155	1,930,283,545	695,598,619

See footnotes at end of table.

Table 28. Gas Account Statistics as of December 31, 1988 (Continued)
(Thousand Cubic Feet)

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Gas Received				
Natural Gas Produced	20,063,000	32,111,847	34,987,471	NE
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Natural Gas Purchased	211,668,553	88,716,826	388,570,954	5,023,915
Gas of Others Received for Transportation or Compression	278,586,548	294,341,412	600,905,765	846,055,442
Receipts of Respondents Gas Transported or Compressed by Others	113,563,323	42,920,005	286,286,432	31,389,465
Exchange Gas Received	7,694,266	69,921,357	591,154,090	1,016,953,732
Gas Received from Underground Storage	100,850,704	27,094,042	85,144,949	NE
Other Receipts	NE	10,079,035	NE	NE
Total Receipts	732,426,394	565,184,524	1,987,049,661	1,899,422,554
Gas Delivered				
Natural Gas Sales				
Local Distribution	NE	NE	NE	NE
Main Line Industrial Sales	6,303,439	4,468,397	NE	NE
Sales for Resale	214,403,666	109,425,421	390,563,188	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Natural Gas Sales	220,707,105	113,893,818	390,563,188	NE
Deliveries of Gas Transported or Compressed for Others	277,381,312	311,537,626	610,726,357	833,060,379
Deliveries of Respondents Gas Transported or Compressed by Others	113,276,812	42,920,005	293,807,137	31,389,465
Exchange Gas Delivered	6,328,756	56,442,465	577,245,275	1,016,953,732
Natural Gas Used by Respondents	20,145,593	12,635,626	11,046,098	1,903,562
Natural Gas Delivered to Storage	85,791,401	25,091,376	104,433,958	NE
Natural Gas for Franchise Requirements	NE	NE	NE	NE
Other Deliveries	-4,010,467	NE	-10,099,326	25,483
Total Deliveries	719,620,512	562,520,916	1,977,722,687	1,883,332,621
Unaccounted for				
Production Systems Losses	NE	NE	NE	NE
Storage Losses	NE	NE	352,832	NE
Transmission System Losses	NE	NE	NE	3,094,870
Distribution System Losses	NE	NE	NE	NE
Other Losses	12,805,882	2,663,608	8,974,142	12,995,063
Total Unaccounted for	12,805,882	2,663,608	9,326,974	16,089,933
Total Deliveries and Unaccounted for	732,426,394	565,184,524	1,987,049,661	1,899,422,554

See footnotes at end of table.

Table 28. Gas Account Statistics as of December 31, 1988 (Continued)
(Thousand Cubic Feet)

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Gas Received				
Natural Gas Produced	NE	5,478,601	NE	NE
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Natural Gas Purchased	94,171,072	255,730,343	435,289,706	241,891,220
Gas of Others Received for Transportation or Compression	154,380	1,121,964,296	1,208,742,580	25,730,372
Receipts of Respondents Gas Transported or Compressed by Others	1,558,422	57,193,430	294,527,393	66,250,708
Exchange Gas Received	NE	118,340,233	1,645,830,814	2,680,728
Gas Received from Underground Storage	2,556,396	11,960,546	77,262,450	NE
Other Receipts	NE	NE	NE	NE
Total Receipts	98,440,270	1,570,667,449	3,661,652,943	336,553,028
Gas Delivered				
Natural Gas Sales				
Local Distribution	NE	NE	26,250	NE
Main Line Industrial Sales	18,246,342	2,423,955	8,133,841	148,714,646
Sales for Resale	74,030,299	183,977,867	379,273,963	87,450,288
Interdepartmental Sales	NE	NE	NE	NE
Total Natural Gas Sales	92,276,641	186,401,822	387,434,054	236,164,934
Deliveries of Gas Transported or Compressed for Others	154,380	1,121,964,296	1,208,742,580	25,780,581
Deliveries of Respondents Gas Transported or Compressed by Others	1,544,916	57,193,430	294,527,393	61,661,715
Exchange Gas Delivered	NE	126,467,372	1,641,822,997	2,290,587
Natural Gas Used by Respondents	1,478,284	39,744,331	25,429,104	5,708,270
Natural Gas Delivered to Storage	2,486,877	18,733,377	77,960,279	NE
Natural Gas for Franchise Requirements	NE	NE	NE	NE
Other Deliveries	229	NE	NE	NE
Total Deliveries	97,941,327	1,550,504,628	3,635,916,407	331,606,087
Unaccounted for				
Production Systems Losses	NE	NE	NE	NE
Storage Losses	NE	20,162,821	NE	NE
Transmission System Losses	498,943	NE	10,808,865	4,946,941
Distribution System Losses	NE	NE	83,000	NE
Other Losses	NE	NE	14,844,671	NE
Total Unaccounted for	498,943	20,162,821	25,736,536	4,946,941
Total Deliveries and Unaccounted for	98,440,270	1,570,667,449	3,661,652,943	336,553,028

See footnotes at end of table.

Table 28. Gas Account Statistics as of December 31, 1988 (Continued)
(Thousand Cubic Feet)

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Gas Received				
Natural Gas Produced	NE	NE	NE	4,446,328
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Natural Gas Purchased	93,930,652	NE	91,905,282	202,751,241
Gas of Others Received for Transportation or Compression	466,864,919	528,564,135	15,656,232	122,996,195
Receipts of Respondents Gas Transported or Compressed by Others	NE	NE	6,821,463	NE
Exchange Gas Received	103,773,169	NE	28,372,050	5,054,526
Gas Received from Underground Storage	NE	NE	8,091,691	66,398,476
Other Receipts	NE	NE	1,922,341	29,623,131
Total Receipts	664,568,740	528,564,135	152,769,059	431,269,897
Gas Delivered				
Natural Gas Sales				
Local Distribution	NE	NE	50,913,272	207,774,782
Main Line Industrial Sales	NE	NE	3,180,872	NE
Sales for Resale	69,821,177	NE	28,199,243	10,198
Interdepartmental Sales	NE	NE	NE	NE
Total Natural Gas Sales	69,821,177	NE	82,293,387	207,784,980
Deliveries of Gas Transported or Compressed for Others	466,864,919	519,978,274	15,653,390	125,044,766
Deliveries of Respondents Gas Transported or Compressed by Others	NE	NE	6,821,463	NE
Exchange Gas Delivered	103,386,441	NE	28,471,970	4,605,587
Natural Gas Used by Respondents	22,685,345	3,317,830	9,680,593	1,180,414
Natural Gas Delivered to Storage	NE	NE	7,950,160	69,564,545
Natural Gas for Franchise Requirements	NE	NE	NE	NE
Other Deliveries	NE	NE	NE	22,381,701
Total Deliveries	662,757,882	523,296,104	150,870,963	430,561,993
Unaccounted for				
Production Systems Losses	NE	NE	NE	NE
Storage Losses	NE	NE	60,356	NE
Transmission System Losses	1,810,858	5,268,031	1,272,337	NE
Distribution System Losses	NE	NE	562,561	NE
Other Losses	NE	NE	2,842	707,904
Total Unaccounted for	1,810,858	5,268,031	1,898,096	707,904
Total Deliveries and Unaccounted for	664,568,740	528,564,135	152,769,059	431,269,897

See footnotes at end of table.

Table 28. Gas Account Statistics as of December 31, 1988 (Continued)
(Thousand Cubic Feet)

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Gas Received				
Natural Gas Produced	NE	NE	NE	5,104,564
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Natural Gas Purchased	3,242,035	138,948,808	163,618,021	153,987,479
Gas of Others Received for Transportation or Compression	103,326,677	35,172,633	1,039,880	58,204,052
Receipts of Respondents Gas Transported or Compressed by Others	NE	NE	45,898,843	9,720,531
Exchange Gas Received	NE	60,756,096	667,024	-2,669,186
Gas Received from Underground Storage	19,094	276,906	30,865,634	31,050,709
Other Receipts	NE	58,137	NE	NE
Total Receipts	106,587,806	235,212,580	242,089,402	255,398,149
Gas Delivered				
Natural Gas Sales				
Local Distribution	NE	NE	NE	NE
Main Line Industrial Sales	NE	NE	24,717,484	NE
Sales for Resale	3,177,431	137,627,587	135,069,612	149,742,176
Interdepartmental Sales	NE	NE	NE	NE
Total Natural Gas Sales	3,177,431	137,627,587	159,787,096	149,742,176
Deliveries of Gas Transported or Compressed for Others	102,810,044	35,074,739	1,039,880	58,204,052
Deliveries of Respondents Gas Transported or Compressed by Others	NE	NE	45,898,843	9,720,531
Exchange Gas Delivered	NE	61,014,880	858,042	-2,379,052
Natural Gas Used by Respondents	535,274	1,331,006	3,335,675	1,054,082
Natural Gas Delivered to Storage	NE	NE	31,009,383	39,787,358
Natural Gas for Franchise Requirements	NE	NE	NE	NE
Other Deliveries	NE	NE	NE	NE
Total Deliveries	106,522,749	235,048,212	241,928,919	256,129,147
Unaccounted for				
Production Systems Losses	NE	NE	NE	NE
Storage Losses	NE	NE	NE	NE
Transmission System Losses	65,057	164,368	NE	-730,998
Distribution System Losses	NE	NE	NE	NE
Other Losses	NE	NE	160,483	NE
Total Unaccounted for	65,057	164,368	160,483	-730,998
Total Deliveries and Unaccounted for	106,587,806	235,212,580	242,089,402	255,398,149

See footnotes at end of table.

Table 28. Gas Account Statistics as of December 31, 1988 (Continued)
(Thousand Cubic Feet)

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Gas Received				
Natural Gas Produced	6,910,577	NE	NE	17,899,040
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Natural Gas Purchased	384,502,771	NE	211,374,147	102,735,096
Gas of Others Received for Transportation or Compression	1,052,752,346	366,838,542	NE	450,495,124
Receipts of Respondents Gas Transported or Compressed by Others	634,875,857	NE	NE	24,524,788
Exchange Gas Received	108,601,990	NE	NE	544,910,986
Gas Received from Underground Storage	55,804,644	NE	NE	19,687,820
Other Receipts	NE	NE	NE	NE
Total Receipts	2,243,448,185	366,838,542	211,374,147	1,160,252,854
Gas Delivered				
Natural Gas Sales				
Local Distribution	NE	NE	NE	NE
Main Line Industrial Sales	1,687,584	NE	NE	2,482,760
Sales for Resale	392,135,112	NE	211,374,147	97,658,080
Interdepartmental Sales	NE	NE	NE	NE
Total Natural Gas Sales	393,822,696	NE	211,374,147	100,140,840
Deliveries of Gas Transported or Compressed for Others	1,042,406,396	367,874,587	NE	450,495,124
Deliveries of Respondents Gas Transported or Compressed by Others	637,561,934	NE	NE	24,524,788
Exchange Gas Delivered	102,903,697	NE	NE	548,170,720
Natural Gas Used by Respondents	14,059,489	1,551,516	NE	12,021,486
Natural Gas Delivered to Storage	47,151,821	NE	NE	19,637,802
Natural Gas for Franchise Requirements	NE	NE	NE	NE
Other Deliveries	-530,186	318,000	NE	NE
Total Deliveries	2,237,375,847	369,744,103	211,374,147	1,154,990,760
Unaccounted for				
Production Systems Losses	NE	NE	NE	NE
Storage Losses	NE	NE	NE	NE
Transmission System Losses	4,816,613	NE	NE	5,007,799
Distribution System Losses	NE	NE	NE	NE
Other Losses	1,255,725	-2,905,561	NE	254,295
Total Unaccounted for	6,072,338	-2,905,561	NE	5,262,094
Total Deliveries and Unaccounted for	2,243,448,185	366,838,542	211,374,147	1,160,252,854

See footnotes at end of table.

Table 28. Gas Account Statistics as of December 31, 1988 (Continued)
(Thousand Cubic Feet)

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Gas Received				
Natural Gas Produced	NE	NE	NE	1
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	NE	NE	1
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE	NE	1
Natural Gas Purchased	NE	384,388,911	77,688,416	55,391,831
Gas of Others Received for Transportation or Compression	63,399,082	121,797,371	524,078,364	104,581,570
Receipts of Respondents Gas Transported or Compressed by Others	NE	2,433,494	74,848,827	10,241,998
Exchange Gas Received	NE	NE	51,362,680	115,910,036
Gas Received from Underground Storage	NE	NE	13,925,119	6,135,685
Other Receipts	NE	NE	14,007,652	1
Total Receipts	63,399,082	508,619,776	755,911,058	292,261,115
Gas Delivered				
Natural Gas Sales				
Local Distribution	NE	NE	2,787,181	1
Main Line Industrial Sales	NE	NE	665,132	3
Sales for Resale	NE	371,350,751	50,654,998	54,752,169
Interdepartmental Sales	NE	NE	NE	1
Total Natural Gas Sales	NE	371,350,751	54,107,311	54,752,165
Deliveries of Gas Transported or Compressed for Others	63,460,639	120,037,568	536,067,653	103,828,777
Deliveries of Respondents Gas Transported or Compressed by Others	NE	2,285,311	75,978,048	10,346,600
Exchange Gas Delivered	NE	NE	37,804,600	116,193,035
Natural Gas Used by Respondents	NE	15,021,526	4,103,764	1,137,797
Natural Gas Delivered to Storage	NE	NE	18,669,759	5,538,985
Natural Gas for Franchise Requirements	NE	NE	NE	1
Other Deliveries	NE	7,982	29,851,133	1
Total Deliveries	63,460,639	508,703,138	756,582,268	291,797,357
Unaccounted for				
Production Systems Losses	NE	NE	NE	1
Storage Losses	-61,557	NE	NE	25,000
Transmission System Losses	NE	-83,362	-671,210	438,758
Distribution System Losses	NE	NE	NE	1
Other Losses	NE	NE	NE	NE
Total Unaccounted for	-61,557	-83,362	-671,210	463,758
Total Deliveries and Unaccounted for	63,399,082	508,619,776	755,911,058	292,261,115

See footnotes at end of table.

Table 28. Gas Account Statistics as of December 31, 1988 (Continued)
(Thousand Cubic Feet)

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Gas Received				
Natural Gas Produced	NE	NE	NE	1,320,087
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Natural Gas Purchased	3,194,484	149,774,152	NE	473,423,859
Gas of Others Received for Transportation or Compression	184,878,254	52,052,825	240,169,135	1,109,976,107
Receipts of Respondents Gas Transported or Compressed by Others	3,939,720	28,233,578	NE	235,495,634
Exchange Gas Received	11,383,271	512,160,070	NE	1,053,274,925
Gas Received from Underground Storage	NE	55,585,515	NE	85,046,738
Other Receipts	237,754	NE	NE	-11,637,244
Total Receipts	203,633,483	797,806,140	240,169,135	2,946,900,106
Gas Delivered				
Natural Gas Sales				
Local Distribution	NE	25,894	NE	NE
Main Line Industrial Sales	NE	2,184,624	NE	1,531,803
Sales for Resale	3,244,993	150,838,041	NE	379,432,622
Interdepartmental Sales	NE	NE	NE	NE
Total Natural Gas Sales	3,244,993	153,048,559	NE	380,964,425
Deliveries of Gas Transported or Compressed for Others	184,256,795	52,052,825	240,169,135	1,103,741,880
Deliveries of Respondents Gas Transported or Compressed by Others	3,934,951	28,233,578	NE	232,581,411
Exchange Gas Delivered	11,383,246	509,057,581	NE	1,085,546,367
Natural Gas Used by Respondents	82,609	3,274,099	NE	46,024,025
Natural Gas Delivered to Storage	NE	49,691,602	NE	98,843,700
Natural Gas for Franchise Requirements	NE	NE	NE	NE
Other Deliveries	8,504,676	NE	NE	-801,702
Total Deliveries	211,407,270	795,358,244	240,169,135	2,946,900,106
Unaccounted for				
Production Systems Losses	NE	NE	NE	NE
Storage Losses	NE	NE	NE	NE
Transmission System Losses	-7,773,787	2,447,896	NE	NE
Distribution System Losses	NE	NE	NE	NE
Other Losses	NE	NE	NE	NE
Total Unaccounted for	-7,773,787	2,447,896	NE	NE
Total Deliveries and Unaccounted for	203,633,483	797,806,140	240,169,135	2,946,900,106

See footnotes at end of table.

Table 28. Gas Account Statistics as of December 31, 1988 (Continued)
(Thousand Cubic Feet)

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Gas Received				
Natural Gas Produced	1,174,775	11,782	NE	NE
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Natural Gas Purchased	714,405,914	189,581,363	NE	29,483,265
Gas of Others Received for Transportation or Compression	308,123,389	625,781,302	57,227,488	NE
Receipts of Respondents Gas Transported or Compressed by Others	83,178,666	297,990,151	NE	NE
Exchange Gas Received	183,114,433	96,021,915	NE	NE
Gas Received from Underground Storage	62,794,978	57,470,903	NE	NE
Other Receipts	NE	14,534,535	NE	NE
Total Receipts	1,352,792,155	1,281,391,951	57,227,488	29,483,265
Gas Delivered				
Natural Gas Sales				
Local Distribution	NE	NE	NE	NE
Main Line Industrial Sales	NE	NE	NE	NE
Sales for Resale	679,106,802	210,931,065	NE	29,483,265
Interdepartmental Sales	NE	NE	NE	NE
Total Natural Gas Sales	679,106,802	210,931,065	NE	29,483,265
Deliveries of Gas Transported or Compressed for Others	302,781,098	634,590,866	58,036,527	NE
Deliveries of Respondents Gas Transported or Compressed by Others	83,743,393	299,352,274	NE	NE
Exchange Gas Delivered	184,346,776	86,534,495	NE	NE
Natural Gas Used by Respondents	35,006,158	18,543,550	NE	NE
Natural Gas Delivered to Storage	53,552,955	43,465,108	NE	NE
Natural Gas for Franchise Requirements	NE	NE	NE	NE
Other Deliveries	14,254,973	NE	-38,778	NE
Total Deliveries	1,352,792,155	1,293,417,358	57,997,749	29,483,265
Unaccounted for				
Production Systems Losses	NE	NE	NE	NE
Storage Losses	NE	NE	NE	NE
Transmission System Losses	NE	-12,025,407	-770,261	NE
Distribution System Losses	NE	NE	NE	NE
Other Losses	NE	NE	NE	NE
Total Unaccounted for	NE	-12,025,407	-770,261	NE
Total Deliveries and Unaccounted for	1,352,792,155	1,281,391,951	57,227,488	29,483,265

See footnotes at end of table.

Table 28. Gas Account Statistics as of December 31, 1988 (Continued)
(Thousand Cubic Feet)

Item	Transconti- nental Gas Pipe Line Corporation	Trans- western Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Gas Received				
Natural Gas Produced	NE	NE	NE	1
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	NE	NE	1
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE	NE	1
Natural Gas Purchased	227,822,876	97,566,716	174,422,338	7
Gas of Others Received for Transportation or Compression	1,514,365,264	258,452,044	330,287,548	304,085,393
Receipts of Respondents Gas Transported or Compressed by Others	526,854,338	13,636,433	163,318,005	1
Exchange Gas Received	259,558,607	8,944,867	19,026,951	1
Gas Received from Underground Storage	8,133,230	NE	6,429,670	3
Other Receipts	NE	NE	NE	1
Total Receipts	2,536,734,315	378,600,060	693,484,512	304,085,393
Gas Delivered				
Natural Gas Sales				
Local Distribution	NE	NE	110,021	1
Main Line Industrial Sales	980,932	221,773	46,869	3
Sales for Resale	233,036,877	90,251,126	156,517,518	5
Interdepartmental Sales	NE	NE	NE	1
Total Natural Gas Sales	234,017,809	90,472,899	156,674,408	1
Deliveries of Gas Transported or Compressed for Others	1,524,175,468	261,206,218	341,001,005	304,516,824
Deliveries of Respondents Gas Transported or Compressed by Others	524,581,352	13,246,415	165,694,080	1
Exchange Gas Delivered	243,579,022	4,429,901	22,787,821	1
Natural Gas Used by Respondents	NE	NE	2,683,071	1
Natural Gas Delivered to Storage	10,923,947	NE	9,735,414	3
Natural Gas for Franchise Requirements	NE	NE	NE	1
Other Deliveries	NE	NE	294,970	1
Total Deliveries	2,537,277,598	369,355,433	698,870,769	304,516,824
Unaccounted for				
Production Systems Losses	NE	NE	NE	1
Storage Losses	NE	NE	NE	1
Transmission System Losses	-543,283	9,244,627	-5,386,257	-431,431
Distribution System Losses	NE	NE	NE	1
Other Losses	NE	NE	NE	1
Total Unaccounted for	-543,283	9,244,627	-5,386,257	-431,431
Total Deliveries and Unaccounted for	2,536,734,315	378,600,060	693,484,512	304,085,393

See footnotes at end of table.

Table 28. Gas Account Statistics as of December 31, 1988 (Continued)
(Thousand Cubic Feet)

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Gas Received				
Natural Gas Produced	NE	NE	1,852,006	NE
Liquefied Petroleum Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Manufactured Gas Produced and Mixed with Natural Gas	NE	NE	NE	NE
Natural Gas Purchased	82,088,639	161,275,782	31,441,306	NE
Gas of Others Received for Transportation or Compression	759,575,254	154,715,720	38,374,028	71,662,393
Receipts of Respondents Gas Transported or Compressed by Others	389,050,316	8,709,576	2,871,541	NE
Exchange Gas Received	336,817,216	180,159,891	1,557,637	NE
Gas Received from Underground Storage	33,740,740	47,284,372	27,846,466	NE
Other Receipts	NE	5,176,323	-110,908	-13,100
Total Receipts	1,601,272,165	557,321,664	103,832,076	71,649,293
Gas Delivered				
Natural Gas Sales				
Local Distribution	NE	69,427	NE	NE
Main Line Industrial Sales	25,276,784	8,641,450	NE	NE
Sales for Resale	50,862,445	142,953,802	31,508,930	NE
Interdepartmental Sales	NE	NE	NE	NE
Total Natural Gas Sales	76,139,229	151,664,679	31,508,930	NE
Deliveries of Gas Transported or Compressed for Others	729,852,246	154,715,720	38,430,056	70,988,921
Deliveries of Respondents Gas Transported or Compressed by Others	392,524,634	8,709,576	2,871,541	NE
Exchange Gas Delivered	344,764,563	172,736,106	1,469,397	NE
Natural Gas Used by Respondents	11,755,585	11,659,368	1,746,713	NE
Natural Gas Delivered to Storage	44,713,557	56,054,621	26,766,061	NE
Natural Gas for Franchise Requirements	NE	NE	NE	NE
Other Deliveries	NE	NE	903,231	NE
Total Deliveries	1,599,749,814	555,540,070	103,695,929	70,988,921
Unaccounted for				
Production Systems Losses	NE	NE	NE	NE
Storage Losses	NE	NE	NE	NE
Transmission System Losses	1,522,351	1,781,593	NE	660,372
Distribution System Losses	NE	NE	NE	NE
Other Losses	NE	NE	136,147	NE
Total Unaccounted for	1,522,351	1,781,593	136,147	660,372
Total Deliveries and Unaccounted for	1,601,272,165	557,321,663	103,832,076	71,649,293

Note: Negative values are credits. Due to rounding, detail may not add to totals. Gas account adjusted to a standard uniform measurement base of 14.73 Psia and 60 degrees Fahrenheit. No attempt has been made to consolidate accounts. The combined totals represent the sum of all accounts as reported by the individual companies and thus include intercompany transactions.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

NE No entry this period.

Table 29. Physical Quantity Statistics as of December 31, 1988

Item	Summary Major Pipeline Companies	Algonquin Gas Transmission Company	ANR Pipeline Company	Arkla, Inc.
Physical Quantities				
Remaining Recoverable Salable Gas Reserves (millions of cubic feet)				
Total Reserves from Producing Gas Lands	1,997,971	NE	NE	NE
Total Reserves from Nonproducing Gas Lands	5,783	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	2,003,754	NE	NE	NE
Gas Stored Underground (millions of cubic feet)				
Current	1,120,776	NE	114,343	25,205
Noncurrent	1,883,095	NE	25,803	30,856
LNG	3,798	NE	NE	NE
Total Gas Stored Underground	3,007,672	NE	140,146	56,061
Producing Gas Wells (number)				
Gas	13,476	NE	NE	NE
Oil	317	NE	NE	NE
Storage Wells (number) ²	10,957	NE	1,298	NE
Pipeline (miles)				
Field	55,542	NE	2,765	3,598
Storage Lines	4,762	NE	469	66
Transmission	191,574	983	8,919	6,292
Total Pipeline Miles	251,878	983	12,153	9,956

See footnotes at end of table.

Table 29. Physical Quantity Statistics as of December 31, 1988 (Continued)

Item	CNG Transmission Corporation	Colorado Interstate Gas Co.	Columbia Gas Transmission Corporation	Columbia Gulf Transmission Company
Physical Quantities				
Remaining Recoverable Salable Gas Reserves (millions of cubic feet)				
Total Reserves from Producing Gas Lands	232,669	521,826	NE	NE
Total Reserves from Nonproducing Gas Lands	5,783	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	238,452	521,826	NE	NE
Gas Stored Underground (millions of cubic feet)				
Current	99,264	27,068	134,337	NE
Noncurrent	160,020	37,262	352,660	NE
LNG	NE	NE	NE	NE
Total Gas Stored Underground	259,284	64,330	486,997	NE
Producing Gas Wells (number)				
Gas	4,311	634	5,654	NE
Oil	57	NE	198	NE
Storage Wells (number) ²	1,361	168	3,677	NE
Pipeline (miles)				
Field	4,109	3,100	6,647	NE
Storage Lines	517	NE	1,207	NE
Transmission	3,641	2,998	10,950	2,855
Total Pipeline Miles	8,267	6,098	18,804	2,855

See footnotes at end of table.

Table 29. Physical Quantity Statistics as of December 31, 1988 (Continued)

Item	East Tennessee Natural Gas Company	El Paso Natural Gas Company	Enron Corporation	Florida Gas Transmission Company
Physical Quantities				
Remaining Recoverable Salable Gas Reserves (millions of cubic feet)				
Total Reserves from Producing Gas Lands	NE	233,651	NE	NE
Total Reserves from Nonproducing Gas Lands	NE	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	NE	233,651	NE	NE
Gas Stored Underground (millions of cubic feet)				
Current	1,269	17,851	50,231	NE
Noncurrent	NE	9,414	42,893	NE
LNG	NE	NE	1,883	NE
Total Gas Stored Underground	1,269	27,265	95,007	NE
Producing Gas Wells (number)				
Gas	NE	99	NE	NE
Oil	NE	NE	NE	NE
Storage Wells (number) ²	NE	NE	324	NE
Pipeline (miles)				
Field	NE	10,927	NE	NE
Storage Lines	NE	18	208	NE
Transmission	1,091	10,765	23,306	4,426
Total Pipeline Miles	1,091	21,710	23,514	4,426

See footnotes at end of table.

Table 29. Physical Quantity Statistics as of December 31, 1988 (Continued)

Item	Great Lakes Gas Transmission Company	High Island Offshore System	K-N Energy, Inc.	Michigan Consolidated Gas Company
Physical Quantities				
Remaining Recoverable Salable Gas Reserves (millions of cubic feet)				
Total Reserves from Producing Gas Lands	NE	NE	NE	20,024
Total Reserves from Nonproducing Gas Lands	NE	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	NE	NE	NE	20,024
Gas Stored Underground (millions of cubic feet)				
Current	NE	NE	NE	76,788
Noncurrent	NE	NE	90,759	65,982
LNG	NE	NE	NE	NE
Total Gas Stored Underground	NE	NE	90,759	142,770
Producing Gas Wells (number)				
Gas	NE	NE	NE	38
Oil	NE	NE	NE	7
Storage Wells (number) ²	NE	NE	77	488
Pipeline (miles)				
Field	NE	NE	2,913	122
Storage Lines	NE	NE	24	112
Transmission	1,321	203	9,296	2,259
Total Pipeline Miles	1,321	203	12,233	2,493

See footnotes at end of table.

Table 29. Physical Quantity Statistics as of December 31, 1988 (Continued)

Item	Michigan Gas Storage Company	Midwestern Gas Transmission Company	Mississippi River Transmission Corporation	National Fuel Gas Supply Corporation
Physical Quantities				
Remaining Recoverable Salable Gas Reserves				
(millions of cubic feet)				
Total Reserves from Producing Gas Lands	NE	NE	NE	NE
Total Reserves from Nonproducing Gas Lands	NE	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	NE	NE	NE	NE
Gas Stored Underground				
(millions of cubic feet)				
Current	48	NE	25,901	35,535
Noncurrent	43,431	NE	43,919	54,043
LNG	NE	NE	NE	NE
Total Gas Stored Underground	43,479	NE	69,820	89,578
Producing Gas Wells (number)				
Gas	NE	NE	NE	NE
Oil	NE	NE	NE	NE
Storage Wells (number) ²	554	15	75	90
Pipeline (miles)				
Field	NE	NE	145	1,493
Storage Lines	148	NE	74	474
Transmission	563	903	2,018	1,374
Total Pipeline Miles	711	903	2,237	3,341

See footnotes at end of table.

Table 29. Physical Quantity Statistics as of December 31, 1988 (Continued)

Item	Natural Gas Pipeline Company of America	Northern Border Pipeline Company	Northwest Alaskan Pipeline Company	Northwest Pipeline Corporation
Physical Quantities				
Remaining Recoverable Salable Gas Reserves				
(millions of cubic feet)				
Total Reserves from Producing Gas Lands	112,587	NE	NE	719,435
Total Reserves from Nonproducing Gas Lands	NE	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	112,587	NE	NE	719,435
Gas Stored Underground				
(millions of cubic feet)				
Current	100,046	NE	NE	17,599
Noncurrent	208,256	NE	NE	41,130
LNG	NE	NE	NE	NE
Total Gas Stored Underground	308,302	NE	NE	58,729
Producing Gas Wells (number)				
Gas	261	NE	NE	1,908
Oil	NE	NE	NE	NE
Storage Wells (number) ²	NE	NE	NE	121
Pipeline (miles)				
Field	1,753	NE	NE	3,476
Storage Lines	294	NE	NE	7
Transmission	10,385	824	NE	3,483
Total Pipeline Miles	12,432	824	NE	6,966

See footnotes at end of table.

Table 29. Physical Quantity Statistics as of December 31, 1988 (Continued)

Item	Overthrust Pipeline Company	Pacific Gas Transmission Company	Panhandle Eastern Pipe Line Company	Questar Pipeline Company
Physical Quantities				
Remaining Recoverable Salable Gas Reserves (millions of cubic feet)				
Total Reserves from Producing Gas Lands	NE	NE	NE	NE
Total Reserves from Nonproducing Gas Lands	NE	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	NE	NE	NE	NE
Gas Stored Underground (millions of cubic feet)				
Current	NE	NE	53,412	8,844
Noncurrent	NE	NE	75,069	9,677
LNG	NE	NE	NE	NE
Total Gas Stored Underground	NE	NE	128,482	18,520
Producing Gas Wells (number)				
Gas	NE	NE	NE	NE
Oil	NE	NE	NE	NE
Storage Wells (number) ²	NE	NE	198	81
Pipeline (miles)				
Field	NE	NE	5,670	745
Storage Lines	NE	NE	130	50
Transmission	89	800	6,663	1,558
Total Pipeline Miles	89	800	12,663	2,353

See footnotes at end of table.

Table 29. Physical Quantity Statistics as of December 31, 1988 (Continued)

Item	Sea Robin Pipeline Company	Southern Natural Gas Company	Stingray Pipeline Company	Tennessee Gas Pipeline Company
Physical Quantities				
Remaining Recoverable Salable Gas Reserves (millions of cubic feet)				
Total Reserves from Producing Gas Lands	NE	NE	NE	14,130
Total Reserves from Nonproducing Gas Lands	NE	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	NE	NE	NE	14,130
Gas Stored Underground (millions of cubic feet)				
Current	NE	62,146	NE	62,572
Noncurrent	NE	40,820	NE	44,570
LNG	NE	NE	NE	NE
Total Gas Stored Underground	NE	102,966	NE	107,142
Producing Gas Wells (number)				
Gas	NE	NE	NE	17
Oil	NE	NE	NE	5
Storage Wells (number) ²	NE	73	NE	353
Pipeline (miles)				
Field	NE	108	NE	31
Storage Lines	NE	48	NE	2
Transmission	405	7,656	NE	14,067
Total Pipeline Miles	405	7,812	NE	14,100

See footnotes at end of table.

Table 29. Physical Quantity Statistics as of December 31, 1988 (Continued)

Item	Texas Eastern Transmission Corporation	Texas Gas Transmission Corporation	Trailblazer Pipeline Company	Transco Gas Supply Company
Physical Quantities				
Remaining Recoverable Salable Gas Reserves (millions of cubic feet)				
Total Reserves from Producing Gas Lands	9,631	33	NE	NE
Total Reserves from Nonproducing Gas Lands	NE	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	9,631	33	NE	NE
Gas Stored Underground (millions of cubic feet)				
Current	38,495	59,044	NE	NE
Noncurrent	87,413	57,769	NE	NE
LNG	NE	NE	NE	NE
Total Gas Stored Underground	125,908	116,813	NE	NE
Producing Gas Wells (number)				
Gas	31	25	NE	NE
Oil	32	18	NE	NE
Storage Wells (number) ²	510	471	NE	NE
Pipeline (miles)				
Field	48	45	NE	NE
Storage Lines	196	219	NE	NE
Transmission	9,859	5,745	436	NE
Total Pipeline Miles	10,103	6,009	436	NE

See footnotes at end of table.

Table 29. Physical Quantity Statistics as of December 31, 1988 (Continued)

Item	Transcontinental Gas Pipe Line Corporation	Transwestern Pipeline Company	Trunkline Gas Company	U.T. Offshore System
Physical Quantities				
Remaining Recoverable Salable Gas Reserves (millions of cubic feet)				
Total Reserves from Producing Gas Lands	NE	NE	NE	NE
Total Reserves from Nonproducing Gas Lands	NE	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	NE	NE	NE	NE
Gas Stored Underground (millions of cubic feet)				
Current	8,129	NE	11,535	NE
Noncurrent	80,041	NE	19,255	NE
LNG	1,915	NE	NE	NE
Total Gas Stored Underground	90,086	NE	30,791	NE
Producing Gas Wells (number)				
Gas	NE	NE	NE	NE
Oil	NE	NE	NE	NE
Storage Wells (number) ²	NE	NE	83	NE
Pipeline (miles)				
Field	149	NE	498	NE
Storage Lines	121	NE	27	NE
Transmission	10,458	4,457	4,044	30
Total Pipeline Miles	10,728	4,457	4,569	30

See footnotes at end of table.

Table 29. Physical Quantity Statistics as of December 31, 1988 (Continued)

Item	United Gas Pipe Line Company	Williams Natural Gas Company	Williston Basin Interstate Pipeline Co.	Wyoming Interstate Company, Ltd.
Physical Quantities				
Remaining Recoverable Salable Gas Reserves				
(millions of cubic feet)				
Total Reserves from Producing Gas Lands	NE	NE	133,985	NE
Total Reserves from Nonproducing Gas Lands	NE	NE	NE	NE
Total Recoverable Salable Gas Reserves ¹	NE	NE	133,985	NE
Gas Stored Underground				
(millions of cubic feet)				
Current	61,476	21,886	7,752	NE
Noncurrent	49,791	101,166	111,096	NE
LNG	NE	NE	NE	NE
Total Gas Stored Underground	111,268	123,052	118,848	NE
Producing Gas Wells (number)				
Gas	NE	NE	498	NE
Oil	NE	NE	NE	NE
Storage Wells (number) ²	93	637	210	NE
Pipeline (miles)				
Field	2,383	3,770	847	NE
Storage Lines	28	175	148	NE
Transmission	7,255	5,857	3,071	269
Total Pipeline Miles	9,666	9,802	4,066	269

¹ No attempt has been made to consolidate accounts. The combined totals represent the sum of all accounts as reported by the individual companies and thus include intercompany transactions.

² Included are injection-withdrawal and/or observation wells.

NE No entry this period.

Note: Due to rounding, detail may not add to totals.

Source: Energy Information Administration, FERC Form 2, "Annual Report of Major Natural Gas Companies."

Appendix A

State Index

Appendix A

State Index

Company	States in Which Company Furnishes Services
Algonquin Gas Transmission Co	CT, MA, NJ, NY, RI
ANR Pipeline Co.	IL, IN, IA, KS, KY, LA, MI, MO, MS, OH, OK, TN, TX, WI, WY
Arkla, Inc.	AR, KS, LA, OK, PA, TX
CNG Transmission Corp.	LA, MD, NY, OH, PA, WV
Colorado Interstate Corp.	CO, KS, NM, OK, TX, UT, WY
Columbia Gas Trans. Corp.	DE, KY, MD, NJ, NY, OH, PA, VA, WV
Columbia Gulf Trans. Co.	AR, KY, LA, MS, TN, TX, WY
East Tennessee Natural Gas Co	TN, VA
El Paso Natural Gas Co.	AZ, CA, CO, NM, NV, OK, TX, UT
Enron Corp.	CO, IL, IA, KS, LA, MI, MN, MO, MT, NE, NM, ND, OK, SD, TX, WI, WY
Florida Gas Transmission Co.	AL, FL, OK, LA, MS, TX
Great Lakes Gas Trans. Co.	MI, MN, WI
High Island Offshore System	LA, TX
KN Energy, Inc.	CO, KS, MT, NE, OK, TX, WY
Michigan Consolidated Gas Co.	MI
Michigan Gas Storage Co.	MI
Midwestern Gas Trans. Co.	IL, IN, KY, MN, ND, TN, WI
Mississippi River Trans. Corp.	AR, IL, LA, MO, OK, TX
National Fuel Gas Supply Corp.	NY, PA
Natural Gas Pipeline Co. of America	AR, CO, IL, IA, KS, LA, MO, NE, NM, ND, OK, TX, WY
Northern Border Pipeline Co.	MT, ND, SD, MN, IA
Northwest Alaskan Pipeline Co.	ID, MT
Northwest Pipeline Corp.	CA, CO, ID, NM, NV, OK, OR, UT, WA, WY
Overthrust Pipeline Company	WY
Pacific Gas Trans. Co.	CA, ID, OR, WA, WY
Panhandle Eastern Pipe Line Co.	CO, IL, IN, KS, MI, MO, OH, OK, TX, WY
Questar Pipeline Co.	CO, UT, WY
Sea Robin Pipeline Co.	LA
Southern Natural Gas Co.	AL, GA, LA, MS, SC, TN
Stingray Pipeline Co.	LA, TX
Tennessee Gas Pipeline Co.	AL, AR, CT, KY, LA, MA, MS, NH, NJ, NY, OH, PA, RI, TN, TX, WV
Texas Eastern Trans. Corp.	AL, AR, IL, IN, KY, LA, MD, MS, MO, NJ, NY, OH, PA, TN, TX, WV
Texas Gas Transmission Corp.	AR, IL, IN, KY, LA, OH, TN, TX

Trailblazer Pipeline Co.	CO, NE, WY
Transco Gas Supply Co.	TX
Transcontinental Gas Pipeline Corp	AL, GA, IA, LA, MD, NM, MS, NC, ND, OH, NJ, NY, OK, PA, SC, TX, VA, WI
Transwestern Pipeline Co.	AZ, NM, OK, TX
Trunkline Gas Co.	AR, IL, IN, KY, LA, MS, TN, TX
U-T Offshore System	LA
United Gas Pipe Line Co.	AL, FL, LA, OK, NM, MS, TX
Williams Natural Gas Co.	CO, KS, MO, OK, TX, WY
Williston Basin Interstate Pipeline	MT, ND, SD, WY
Wyoming Interstate Co., Ltd.	CO, WY

Note: In 1984, the reporting criteria for Form FERC-2 was changed to include only major pipeline companies.

Appendix B

Commission Orders Issued

Appendix B

Commission Orders Issued

The following is a list of Commission Orders issued since November 13, 1972, that effected changes in the Uniform System of Accounts and/or changes in the tables presented in this publication.

Order No.	Date of Issue	Effective	Docket No.	Description of Order
460	11/13/72	01/01/73	R-445	Deleted Account 914 and 915, Merchandise, Jobbing and etc., Uniform Systems of Accounts, and Form No. 2.
6	01/09/73	01/01/72	R-448	Provided accounting for Unrecovered Purchased Gas Cost
469	02/01/73	01/01/73	R-395	Equity method of accounting established, Uniform Systems of Accounts, and Form No. 2.
Erratum	02/21/73	---	---	---
473	02/15/73	01/01/73	R-412	Consolidation of the Accumulated Depreciation Accounts under Uniform Systems of Accounts and Form No. 2.
Erratum	12/27/73	---	---	---
477	03/12/73	01/01/73	R-449	Acquisition Adjustments, Uniform Systems of Accounts only.
483	04/30/73	04/30/73	R-462	Accounting and Rate Treatment for Research and Development, Uniform Systems of Accounts, Form No. 2, and Regulations.
Erratum	05/09/73	---	---	---
486	07/03/73	01/01/74	R-456	Accounting for Specialized Training costs, Uniform Systems of Accounts only.
486A	10/29/73	---	---	---
490	08/22/73	01/01/74	R-430	Elimination of Contributions in Aid of Construction, Uniform Systems of Accounts, and Form No. 2.
499	12/28/73	12/28/73	RM74-4	Extension of Advance Payment Program to 01/01/76 and allowing rate base treatment of advances where a pipeline obtains a working interest, Uniform Systems of Accounts only.
503	01/29/74	12/31/73	RM74-5	Annual revisions to Form No. 2 and Form No. 11 for 1973 reporting year.
504	02/11/74	01/01/74	R-424 and R-446	Accounting for income tax deferrals and implementation of the "class life asset depreciation range" provision (ADR) in the 1971 Revenue Act Uniform Systems of Accounts, Form No. 2, Form No. 2-A, and Form No. 11.

Order No.	Date of Issue	Effective	Docket No.	Description of Order
505	02/11/74	01/01/73	R-424	Accounting for premium, discount and expense of debt and reacquisition of long-term debt, Uniform Systems of Accounts, Form No. 2, Form No. 2-A, and Form No. 11.
505A	02/25/74	01/01/74	---	Extended the reporting requirements of Order No. 505 to be effective 01/01/74.
519	11/18/74	12/31/74	RM75-4	Annual revisions to Form No. 2.
529	06/17/75	06/17/75	RM75-6	Requires, as an element of determining rate treatment, the pipeline shall have first call on gas produced under long-term contracts and that the selling price shall be governed by and limited to the applicable just and reasonable rate which has been prescribed by the Commission Uniform Systems of Accounts, and Regulations.
530	06/18/75	06/18/75	R-424 and R-446	Accounting for comprehensive interperiod tax allocation, Uniform Systems of Accounts, and Form No. 2.
530A	01/19/76	---	---	---
530B	09/03/76	---	---	---
538	10/15/75	Reporting Year 1975	RM76-7	Revised annual report Form No. 2 to be consistent with Tax Reduction Act of 1975 to allow for reporting of the new investment tax credit allowable.
---	12/31/75	12/31/75	R-411 and RM74-4	Rate base treatment to continue for lower 48 advances only for contracts dated prior to 12/31/75; terminated rate base treatment of Alaskan advances for contracts executed after 12/31/73, requiring refunds of all amounts collected as a result of including the Alaskan advances in pipeline rate base.
---	02/27/76	02/27/76	R-411 and RM74-4	Addressed the pipeline's working interest issue, requiring the revenues to be credited to cost of service.
---	02/15/77	02/27/76	R-411 and RM74-4	Order modified the 02/27/76 order pertaining to the pipeline's working interest issue by restricting the cost of service credit so that it does not exceed the total amount of carrying charges charged to the pipeline's rate payers, together with interest on such carrying charges.
549	06/15/76	Reporting Year 1976	RM76-3	Established new customer service and informational expense accounts for the accounting and reporting of operating expenses in the area of nonpromotional customer assistance expenses. Also provided separate accounting and reporting classification for costs incurred in advertising by establishing a new general advertising expense account.
561	02/02/77	Reporting Year 1977	RM75-27	Revised schedules pages 116A, 118 to add new Account 432, Allowance for Borrowed Funds Used During Construction--Credit and Allowance for Other Funds Used During Construction.
566	06/03/77	Reporting Year 1977	RM76-7	Revised title to read "Research, Development, and Demonstration Expenditures" (188).

Order No.	Date of Issue	Effective	Docket No.	Description of Order
5	04/05/78	Reporting Year 1978	RM77-17	Order amending the Uniform System of Accounts to reclass Account 264, Amortization Reserve--Federal to Account 215.1, Appropriated Retained Earnings-Amortization Reserve, Federal.
6	04/28/78	Reporting Year 1978	RM77-21	Revisions to the Uniform System of Accounts for Natural Gas Companies to provide Accounts for Base Load Liquefied Natural Gas Terminating and Processing Facilities.
57	11/08/79	Reporting Year 1979	RM80-5	Revised annual reporting of officer's salaries and providing definition for 'executive officer.'
121	01/09/81	Reporting Year 1980 effective 12/31/81	RM80-56	Revised the format of the Form No. 2 Annual Report.
390	08/03/84	Effective Jan. 1, 1984 for Reporting Year Ending 01/01/84	RM83-66-000	Revisions to public utility natural gas companies classification criteria, Uniform System of Accounts, form numbers 1 and 1F, 2 and 2A, and related regulations. Only major pipeline companies are required to report on FERC Form 2.
391	08/22/84	09/26/84	RM83-72-000	Amended Regulations related to first sales of pipeline production under Natural Gas Policy Act of 1978 (NGPA). The final rule implemented the Supreme Court's Mid-Louisiana decision. It established the two accounts (800.1 and 485) for the intracompany transfers of natural gas produced by the production divisional unit of a pipeline to its transmission divisional unit.
505	10/13/88	Reporting Year 1988	RM88-88-18	Replaced the statement of changes in financial position with statement of cash flows in response to the statement of financial accounting standards no. 95 of the Financial Accounting Standards Board in November 1987.

Appendix C

Major Pipeline Companies that Have Major Pipeline Subsidiary Companies

Appendix C

Major Pipeline Companies that Have Major Pipeline Subsidiary Companies

Major Pipeline Companies	List of Its Major Pipeline Subsidiary Companies
ANR Pipeline Company	High Island Offshore System
Arkla, Inc.	Mississippi River Transmission Corporation
Columbia Gulf Transmission Company	Overthrust Pipeline Company Trailbrazer Pipeline Company
Enron Corporation	Florida Gas Transmission Company Northern Border Pipeline Company Overthrust Pipeline Company Trailblazer Pipeline Company Transwestern Pipeline Company
Great Lakes Gas Transmission Company	Colorado Interstate Corporation
Natural Gas Pipeline Company of America	High Island Offshore System Overthrust Pipeline Company Stingray Pipeline Company Trailblazer Pipeline Company
Panhandle Eastern Pipe Line Company	Stingray Pipeline Company Trunkline Gas Company
Questar Pipeline Company	Overthrust Pipeline Corporation
Southern Natural Gas Company	Sea Robin Pipeline Company
Stingray Pipeline Company	Trunkline Gas Company
Tennessee Gas Pipeline Company	East Tennessee Natural Gas Company Midwestern Gas Transmission Company
Texas Gas Transmission Company	High Island Offshore System
Transcontinental Gas Pipe Line Corporation	High Island Offshore System
United Gas Pipe Line Company	High Island Offshore System Sea Robin Pipeline Company U-T Offshore System

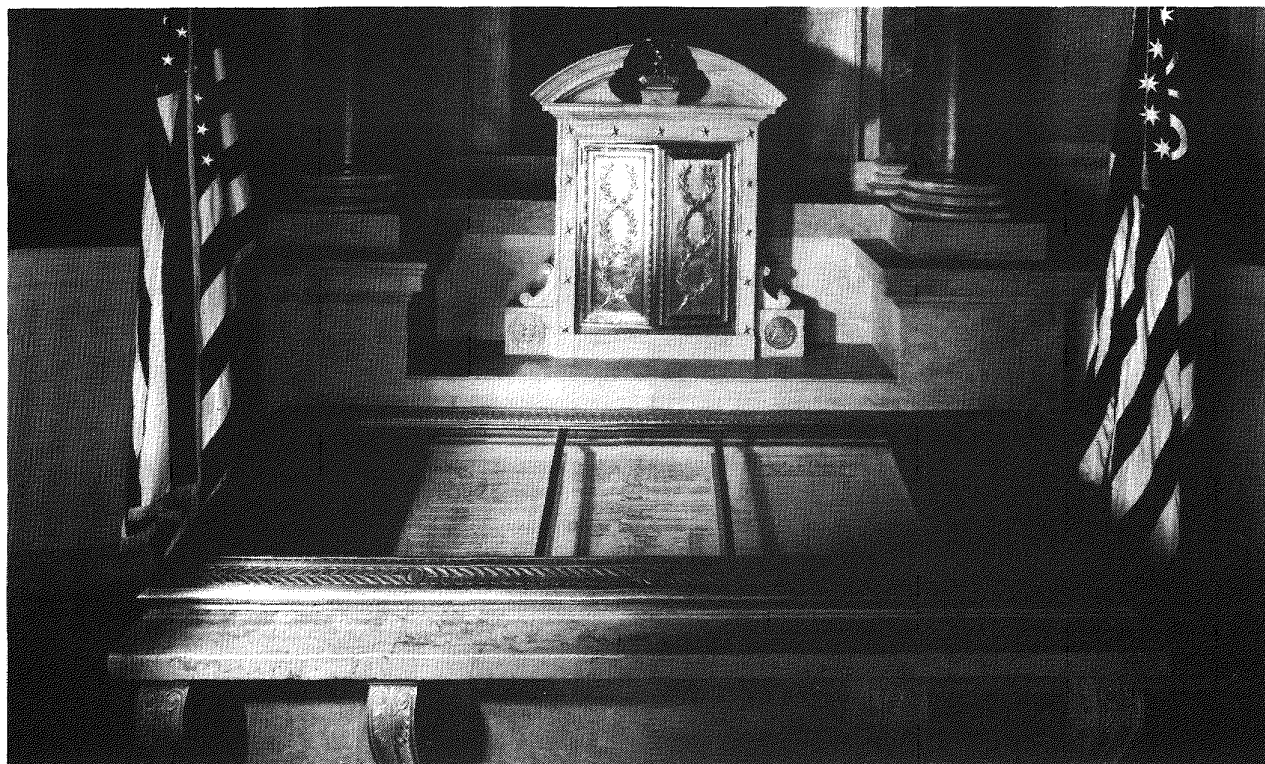
Contents

- General and Reference
- Agriculture
- Business
- Construction and Housing
- Foreign Trade
- Geography
- Governments
- International
- Manufacturing and Mineral Industries
- Population
- Transportation
- Special Section – 1980 Census
- Sources of Assistance
- Factfinder Guides

Thank you for your order!

THE PRESIDENT DOESN'T TAKE AN OATH TO DEFEND THE AMERICAN FLAG OR THE STATUE OF LIBERTY.

The President takes an oath to defend something even more important than a majestic symbol of our country.



The President takes an oath to defend the Constitution of the United States. A document that has been described as the greatest leap forward for freedom in human history. A document that is the foundation of our country. And the means by which we achieve the rule of law and protect our freedom.

As we commemorate the Bicentennial of the Constitution, there is no better way for you as an American to reaffirm the principles for which our country stands than to learn more about the Constitution.

The words we live by.

THE CONSTITUTION

The words we live by

U.S. Department of Energy
Forrestal Building, EI-231
Washington, DC 20585

POSTAGE & FEES PAID
U.S. DEPT. OF ENERGY
PERMIT NO. G-20

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

Return Postage Guaranteed

DO NOT MICROFILM
COVER

