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March 1977

**IMPACT OF NATURAL GAS
SHORTAGE ON MAJOR
INDUSTRIAL FUEL-BURNING
INSTALLATIONS -
VOLUME II. SCHEDULES
(DATA AND TABLES)**



**U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Waste Management
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711**

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VOLUME II. SCHEDULES
(DATA AND TABLES)**

by

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**U.S. ENVIRONMENTAL PROTECTION AGENCY
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THE GAS REQUIREMENTS COMMITTEE FORECAST OF INDUSTRIAL GAS CONSUMPTION BY STATE

(Billions of Btu's)

EPA Region I

Year (1)	Connecticut			Massachusetts			Maine			New Hampshire		
	Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	Firm (11)	Interruptible (12)	Total (13)
1974	14,125.0	2,728.0	16,853.0	18,029.0	12,331.0	30,360.0	440.0	111.0	551.0	509.0	377.0	886.0
1975	12,119.0	2,126.0	14,245.0	19,293.0	4,504.0	23,797.0	452.0	125.0	577.0	716.0	460.0	1,176.0
1976	12,269.0	1,822.0	14,091.0	20,010.0	4,106.0	24,116.0	477.0	100.0	577.0	764.0	250.0	1,014.0
1977	12,347.0	1,599.0	13,946.0	20,446.0	5,443.0	25,889.0	482.0	75.0	557.0	789.0	120.0	909.0
1978	12,392.0	1,126.0	13,518.0	20,831.0	6,129.0	26,960.0	492.0	75.0	567.0	818.0	100.0	918.0
1979	12,402.0	1,034.0	13,436.0	21,338.0	7,506.0	28,844.0	502.0	75.0	577.0	839.0	75.0	914.0
1980	12,412.0	946.0	13,358.0	22,133.0	7,512.0	29,645.0	502.0	75.0	577.0	850.0	60.0	910.0

EPA Region I (continued)

Year (1)	Rhode Island			Vermont			Total Region I			EPA Region II New Jersey		
	Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	Firm (11)	Interruptible (12)	Total (13)
1974	4,311.0	865.0	5,176.0	422.0	1,042.0	1,464.0	37,836.0	17,454.0	55,290.0	37,398.0	30,781.0	68,179.0
1975	4,559.0	608.0	5,167.0	406.0	1,007.0	1,413.0	37,545.0	8,830.0	46,375.0	35,952.0	17,280.0	53,232.0
1976	4,644.0	8.0	4,652.0	338.0	1,202.0	1,540.0	38,502.0	7,488.0	45,990.0	30,521.0	600.0	31,121.0
1977	4,736.0	8.0	4,744.0	51.0	1,443.0	1,494.0	38,851.0	8,688.0	47,539.0	36,994.0	4,200.0	41,194.0
1978	4,840.0	10.0	4,850.0	54.0	1,443.0	1,497.0	39,427.0	8,883.0	48,310.0	37,154.0	19,420.0	56,574.0
1979	4,932.0	10.0	4,942.0	57.0	1,429.0	1,486.0	40,070.0	10,129.0	50,199.0	37,524.0	13,697.0	51,221.0
1980	5,025.0	10.0	5,035.0	60.0	1,454.0	1,514.0	40,982.0	10,057.0	51,039.0	38,994.0	7,367.0	46,361.0

EPA Region II (Continued)

Year (1)	New York			Total Region II			Dist. of Columbia			EPA Region III Delaware		
	Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	Firm (11)	Interruptible (12)	Total (13)
1974	95,559.0	16,058.0	111,617.0	132,957.0	46,839.0	179,796.0	-0-	-0-	-0-	3,422.0	2,205.0	5,627.0
1975	81,881.0	9,987.0	91,868.0	117,833.0	27,267.0	145,100.0	-0-	-0-	-0-	4,216.0	-0-	4,216.0
1976	79,616.0	7,054.0	86,670.0	110,137.0	7,654.0	117,791.0	-0-	-0-	-0-	3,055.0	-0-	3,055.0
1977	79,956.0	7,695.0	87,651.0	116,950.0	11,895.0	128,845.0	-0-	-0-	-0-	3,025.0	-0-	3,025.0
1978	92,428.0	7,210.0	99,638.0	129,582.0	26,630.0	156,212.0	-0-	-0-	-0-	3,550.0	-0-	3,550.0
1979	97,111.0	7,081.0	104,192.0	134,635.0	20,778.0	155,413.0	-0-	-0-	-0-	3,030.0	-0-	3,030.0
1980	99,338.0	7,931.0	107,269.0	138,332.0	15,298.0	153,630.0	-0-	-0-	-0-	3,297.0	-0-	3,297.0

Source: Future Gas Consumption of the United States, Volume 6, December 1975.

THE GAS REQUIREMENTS COMMITTEE FORECAST OF INDUSTRIAL GAS CONSUMPTION BY STATE
(Billions of Btu's)

EPA Region III (Continued)

Year (1)	Maryland			Pennsylvania			Virginia			West Virginia		
	Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	Firm (11)	Interruptible (12)	Total (13)
1974	25,487.0	34,787.0	60,274.0	322,105.0	30,470.0	352,575.0	31,364.0	20,744.0	52,108.0	76,509.0	1,211.0	77,720.0
1975	25,330.0	21,290.0	46,620.0	258,233.0	15,731.0	273,964.0	23,990.0	9,314.0	33,304.0	61,523.0	61.0	61,584.0
1976	23,188.0	17,003.0	40,191.0	235,172.0	13,400.0	248,572.0	19,643.0	7,407.0	27,050.0	60,656.0	61.0	60,717.0
1977	22,447.0	15,255.0	37,702.0	233,605.0	12,400.0	246,005.0	17,732.0	6,800.0	24,532.0	60,656.0	61.0	60,717.0
1978	22,524.0	17,886.0	40,410.0	249,756.0	12,400.0	262,156.0	16,993.0	6,475.0	23,468.0	55,594.0	61.0	55,655.0
1979	22,271.0	17,886.0	40,157.0	249,150.0	12,400.0	261,550.0	16,435.0	6,474.0	22,909.0	53,425.0	61.0	53,486.0
1980	22,137.0	17,886.0	40,023.0	245,927.0	12,400.0	258,327.0	16,377.0	6,473.0	22,850.0	52,606.0	61.0	52,667.0

EPA Region III (Continued)				EPA Region IV								
Total Region III				Alabama			Florida			Kentucky		
Year (1)	Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	Firm (11)	Interruptible (12)	Total (13)
1974	458,887.0	89,417.0	548,304.0	92,806.0	90,998.0	183,804.0	25,091.0	61,841.0	86,932.0	58,790.0	18,374.0	77,164.0
1975	373,292.0	46,396.0	419,688.0	99,911.0	61,906.0	161,817.0	25,429.0	50,826.0	76,255.0	59,115.0	18,917.0	78,032.0
1976	341,714.0	37,871.0	379,585.0	87,830.0	53,646.0	141,476.0	23,590.0	53,262.0	76,852.0	53,306.0	9,945.0	63,251.0
1977	337,465.0	34,516.0	371,981.0	83,933.0	47,707.0	131,640.0	19,798.0	48,641.0	68,439.0	49,800.0	7,456.0	57,256.0
1978	348,417.0	36,822.0	385,239.0	83,734.0	54,057.0	137,791.0	19,658.0	46,727.0	66,385.0	48,046.0	6,472.0	54,518.0
1979	344,311.0	36,821.0	381,132.0	82,331.0	42,708.0	125,039.0	17,788.0	41,400.0	59,188.0	46,020.0	6,482.0	52,502.0
1980	340,344.0	36,820.0	377,164.0	74,142.0	36,044.0	110,186.0	6,648.0	38,031.0	44,679.0	43,465.0	6,502.0	49,967.0

EPA Region IV (Continued)												
Georgia				Mississippi			North Carolina			South Carolina		
Year (1)	Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	Firm (11)	Interruptible (12)	Total (13)
1974	47,510.0	117,552.0	165,062.0	83,243.0	24,606.0	107,849.0	36,713.0	46,877.0	83,590.0	18,341.0	61,609.0	79,950.0
1975	48,487.0	124,527.0	173,014.0	76,677.0	24,132.0	100,809.0	30,543.0	13,280.0	43,823.0	17,705.0	56,146.0	73,851.0
1976	49,885.0	73,953.0	123,838.0	66,791.0	22,983.0	89,774.0	24,030.0	5,279.0	29,309.0	15,266.0	53,099.0	68,365.0
1977	51,211.0	57,660.0	108,871.0	61,067.0	23,020.0	84,087.0	22,396.0	3,629.0	26,025.0	15,509.0	48,071.0	63,580.0
1978	58,696.0	73,410.0	132,106.0	60,479.0	23,014.0	83,493.0	23,652.0	5,080.0	28,732.0	17,877.0	49,559.0	67,436.0
1979	60,012.0	57,690.0	117,702.0	57,841.0	23,018.0	80,859.0	27,773.0	11,286.0	39,059.0	18,580.0	48,691.0	67,271.0
1980	61,304.0	44,175.0	105,479.0	47,287.0	22,551.0	69,838.0	26,524.0	11,973.0	38,497.0	19,199.0	43,529.0	62,728.0

Source: Future Gas Consumption of the United States, Volume 6, December 1975.

THE GAS REQUIREMENTS COMMITTEE FORECAST OF INDUSTRIAL GAS CONSUMPTION BY STATE
(Billions of Btu's)

EPA Region IV (Continued)												
Tennessee			Total Region IV				Illinois			Indiana		
Year	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1974	108,122.0	50,915.0	159,037.0	470,616.0	472,772.0	943,388.0	340,484.0	38,371.0	378,855.0	233,872.0	33,224.0	267,096.0
1975	95,145.0	7,777.0	102,922.0	453,012.0	357,511.0	810,523.0	334,507.0	18,696.0	353,203.0	209,246.0	20,789.0	230,035.0
1976	89,906.0	4,481.0	94,387.0	410,604.0	276,648.0	687,252.0	338,587.0	15,679.0	354,266.0	189,022.0	14,611.0	203,633.0
1977	77,443.0	2,008.0	79,451.0	381,157.0	238,192.0	619,349.0	333,608.0	10,702.0	344,310.0	186,350.0	12,260.0	198,610.0
1978	76,069.0	2,188.0	78,257.0	388,211.0	260,507.0	648,718.0	329,307.0	10,380.0	339,687.0	184,645.0	12,203.0	196,848.0
1979	72,168.0	2,160.0	74,328.0	382,513.0	233,435.0	615,948.0	327,557.0	9,709.0	337,266.0	181,351.0	12,123.0	193,474.0
1980	67,400.0	2,132.0	69,532.0	345,969.0	204,937.0	550,906.0	325,603.0	9,350.0	334,953.0	180,665.0	12,065.0	192,730.0

EPA Region V (Continued)												
Michigan			Minnesota			Ohio			Wisconsin			
Year	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1974	268,700.0	78,834.0	347,534.0	54,188.0	44,298.0	98,486.0	401,434.0	34,484.0	435,918.0	52,568.0	84,095.0	136,663.0
1975	247,660.0	71,720.0	319,380.0	53,479.0	33,479.0	86,958.0	301,782.0	17,761.0	319,543.0	56,582.0	75,388.0	131,970.0
1976	256,880.0	66,850.0	323,730.0	53,537.0	31,166.0	84,703.0	252,598.0	13,868.0	266,466.0	60,540.0	58,325.0	118,865.0
1977	261,160.0	65,350.0	326,510.0	53,579.0	25,625.0	79,204.0	240,076.0	10,361.0	250,437.0	61,242.0	53,279.0	114,521.0
1978	264,510.0	51,430.0	315,940.0	48,604.0	23,889.0	72,493.0	272,558.0	3,092.0	275,650.0	61,492.0	49,889.0	111,381.0
1979	266,940.0	41,180.0	308,120.0	41,927.0	22,576.0	64,503.0	269,965.0	3,092.0	273,057.0	62,060.0	48,007.0	110,067.0
1980	272,320.0	31,170.0	303,490.0	41,954.0	21,829.0	63,783.0	266,669.0	3,092.0	269,761.0	63,139.0	45,940.0	109,079.0

EPA Region V (Continued)												
Total Region V			Arkansas				Louisiana			New Mexico		
Year	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1974	1,351,246.0	313,306.0	1,664,552.0	193,163.0	11,742.0	204,905.0	1,123,764.0	17,443.0	1,141,207.0	31,002.0	1,160.0	32,162.0
1975	1,203,256.0	237,833.0	1,441,089.0	162,941.0	9,360.0	172,301.0	714,791.0	808.0	715,599.0	30,070.0	1,193.0	31,263.0
1976	1,151,164.0	200,499.0	1,351,663.0	163,021.0	9,311.0	172,332.0	713,862.0	818.0	714,680.0	30,644.0	1,214.0	31,858.0
1977	1,136,015.0	177,577.0	1,313,592.0	163,091.0	9,418.0	172,509.0	655,842.0	828.0	656,670.0	29,905.0	1,235.0	31,140.0
1978	1,161,116.0	150,883.0	1,311,999.0	163,171.0	8,677.0	171,848.0	645,652.0	838.0	646,490.0	29,957.0	1,255.0	31,212.0
1979	1,149,800.0	136,687.0	1,286,487.0	163,261.0	8,947.0	172,208.0	601,531.0	848.0	602,379.0	30,433.0	1,006.0	31,439.0
1980	1,150,350.0	123,446.0	1,273,796.0	163,341.0	9,200.0	172,541.0	543,733.0	858.0	544,591.0	31,333.0	1,017.0	32,350.0

Source: Future Gas Consumption of the United States, Volume 6, December 1975.

THE GAS REQUIREMENTS COMMITTEE OF INDUSTRIAL GAS CONSUMPTION BY STATE
(Billions of Btu's)

EPA Region VI (Continued)												
Oklahoma			Texas			Total Region VI			EPA Region VII			
Year	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1974	56,206.0	87,727.0	143,933.0	2,120,410.0	217,371.0	2,337,781.0	3,524,545.0	335,443.0	3,859,988.0	70,788.0	46,854.0	117,642.0
1975	62,110.0	104,996.0	167,106.0	1,945,551.0	252,079.0	2,197,630.0	2,915,463.0	368,436.0	3,283,899.0	73,153.0	41,626.0	114,779.0
1976	68,163.0	116,778.0	184,941.0	2,040,279.0	260,596.0	2,300,875.0	3,015,969.0	388,717.0	3,404,686.0	74,525.0	36,503.0	111,028.0
1977	68,864.0	119,932.0	188,796.0	1,981,483.0	283,304.0	2,264,787.0	2,899,185.0	414,717.0	3,313,902.0	74,727.0	29,705.0	104,432.0
1978	106,530.0	134,973.0	241,503.0	1,955,522.0	285,601.0	2,241,123.0	2,900,832.0	431,344.0	3,332,176.0	72,664.0	20,137.0	92,801.0
1979	110,889.0	140,876.0	251,765.0	1,931,011.0	291,964.0	2,222,975.0	2,837,125.0	443,641.0	3,280,766.0	70,311.0	14,879.0	85,190.0
1980	111,276.0	141,644.0	252,920.0	1,860,765.0	297,875.0	2,158,640.0	2,710,448.0	450,594.0	3,161,042.0	70,309.0	14,221.0	84,530.0

EPA Region VII (Continued)												
Kansas			Missouri			Nebraska			Total Region VII			
Year	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1974	43,809.0	96,434.0	140,243.0	38,334.0	53,310.0	91,644.0	28,837.0	26,173.0	55,010.0	181,768.0	222,771.0	404,539.0
1975	40,675.0	94,898.0	135,573.0	40,451.0	36,177.0	76,628.0	29,602.0	25,774.0	55,376.0	183,881.0	198,475.0	382,356.0
1976	28,436.0	98,268.0	126,704.0	41,021.0	41,906.0	82,927.0	29,654.0	24,046.0	53,700.0	173,636.0	200,723.0	374,359.0
1977	27,345.0	94,234.0	121,579.0	39,526.0	40,859.0	80,385.0	29,735.0	19,876.0	49,611.0	171,333.0	184,674.0	356,007.0
1978	25,780.0	86,942.0	112,722.0	38,684.0	38,068.0	76,752.0	28,835.0	11,546.0	40,381.0	165,963.0	156,693.0	322,656.0
1979	25,780.0	81,551.0	107,331.0	38,860.0	36,337.0	75,197.0	27,609.0	10,889.0	38,498.0	162,560.0	143,656.0	306,216.0
1980	22,515.0	76,188.0	98,703.0	38,880.0	34,606.0	73,486.0	27,685.0	10,575.0	38,260.0	159,389.0	135,590.0	294,979.0

EPA Region VIII												
Colorado			Montana			North Dakota			South Dakota			
Year	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1974	22,293.0	31,666.0	53,959.0	3,450.0	34,260.0	37,710.0	35.0	2,885.0	2,920.0	207.0	6,993.0	7,200.0
1975	22,382.0	33,233.0	55,615.0	3,400.0	34,600.0	38,000.0	62.0	1,255.0	1,317.0	864.0	6,614.0	7,478.0
1976	22,654.0	33,144.0	55,798.0	3,500.0	31,200.0	34,700.0	62.0	1,255.0	1,317.0	864.0	6,614.0	7,478.0
1977	20,703.0	32,947.0	53,650.0	3,500.0	17,100.0	20,600.0	62.0	1,255.0	1,317.0	864.0	4,240.0	5,104.0
1978	21,192.0	32,747.0	53,939.0	3,500.0	15,200.0	18,700.0	62.0	1,255.0	1,317.0	864.0	3,372.0	4,236.0
1979	21,616.0	32,541.0	54,157.0	3,500.0	14,800.0	18,300.0	62.0	1,255.0	1,317.0	864.0	3,219.0	4,083.0
1980	21,961.0	32,326.0	54,287.0	3,500.0	14,500.0	18,000.0	62.0	1,255.0	1,317.0	864.0	3,164.0	4,028.0

Source: Future Gas Consumption of the United States, Volume 6, December 1975.

THE GAS REQUIREMENTS COMMITTEE FORECAST OF INDUSTRIAL GAS CONSUMPTION BY STATE
(Billions of Btu's)

EPA Region VIII (Continued)												
Year (1)	Utah			Wyoming			Total Region VIII			EPA Region IX		
	Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	Firm (11)	Interruptible (12)	Total (13)
1974	2,830.0	45,060.0	47,890.0	11,569.0	36,049.0	47,618.0	40,384.0	156,913.0	197,297.0	59,777.0	-0-	59,777.0
1975	3,056.0	40,741.0	43,797.0	11,583.0	35,891.0	47,474.0	41,347.0	152,334.0	193,681.0	54,241.0	-0-	54,241.0
1976	3,263.0	40,722.0	43,985.0	12,126.0	35,660.0	47,786.0	42,469.0	148,595.0	191,064.0	51,999.0	-0-	51,999.0
1977	3,327.0	38,510.0	41,837.0	12,130.0	32,252.0	44,382.0	40,586.0	126,304.0	166,890.0	46,402.0	-0-	46,402.0
1978	3,370.0	36,341.0	39,711.0	12,061.0	30,325.0	42,386.0	41,049.0	119,240.0	160,289.0	39,270.0	-0-	39,270.0
1979	3,422.0	34,161.0	37,583.0	10,418.0	28,924.0	39,342.0	39,882.0	114,900.0	154,782.0	35,799.0	-0-	35,799.0
1980	3,466.0	32,074.0	35,540.0	10,195.0	27,720.0	37,915.0	40,048.0	111,039.0	151,087.0	36,379.0	-0-	36,379.0

EPA Region IX (Continued)												
Year (1)	California			Nevada			Total Region IX			EPA Region X		
	Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	Firm (11)	Interruptible (12)	Total (13)
1974	88,603.0	496,682.0	585,285.0	12,568.0	-0-	12,568.0	160,948.0	496,682.0	657,630.0	21,672.0	9,313.0	30,985.0
1975	94,480.0	539,151.0	633,631.0	11,889.0	-0-	11,889.0	160,610.0	539,151.0	699,761.0	24,942.0	6,404.0	31,346.0
1976	97,097.0	464,349.0	561,446.0	11,174.0	-0-	11,174.0	160,270.0	464,349.0	624,619.0	28,904.0	5,704.0	34,608.0
1977	107,813.0	409,542.0	517,355.0	10,871.0	-0-	10,871.0	165,086.0	409,542.0	574,628.0	29,179.0	5,538.0	34,717.0
1978	111,442.0	319,298.0	430,740.0	10,380.0	-0-	10,380.0	161,092.0	319,298.0	480,390.0	29,266.0	5,374.0	34,640.0
1979	114,880.0	291,082.0	405,962.0	9,704.0	-0-	9,704.0	160,383.0	291,082.0	451,465.0	29,442.0	5,216.0	34,658.0
1980	118,099.0	364,241.0	482,340.0	9,378.0	-0-	9,378.0	163,856.0	364,241.0	528,097.0	29,522.0	5,062.0	34,584.0

EPA Region X (Continued)												
Year (1)	Oregon			Washington			Total Region X					
	Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)			
1974	30,213.0	27,938.0	58,151.0	34,302.0	69,517.0	103,819.0	86,187.0	106,768.0	192,955.0			
1975	29,189.0	25,045.0	54,234.0	36,837.0	54,351.0	91,188.0	90,968.0	85,800.0	176,768.0			
1976	31,591.0	28,615.0	60,206.0	38,859.0	55,655.0	94,514.0	99,354.0	89,974.0	189,328.0			
1977	31,247.0	25,870.0	57,117.0	41,643.0	53,215.0	94,858.0	102,069.0	84,623.0	186,692.0			
1978	30,831.0	25,619.0	56,450.0	44,325.0	51,373.0	95,698.0	104,422.0	82,366.0	186,788.0			
1979	33,598.0	25,391.0	58,989.0	45,738.0	53,009.0	98,747.0	108,778.0	83,616.0	192,394.0			
1980	34,243.0	27,965.0	62,208.0	46,962.0	55,535.0	102,497.0	110,727.0	88,562.0	199,289.0			

Source: Future Gas Consumption of the United States, Volume 6, December 1975.

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MFBI GAS COMBUSTORS
BY AQCR AND AQMA TO 1980
(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual 1974	1976	1977	Projected 1978	1979	1980	1976	1977	1978	1979	1980
Region I											
Connecticut											
Hartford-N.H.-Springfield	949	700	651	545	524	504	243	311	440	482	525
-Ct.	949	700	651	545	524	504	243	311	440	482	525
Total	949	700	651	545	524	504	243	311	440	482	525
Massachusetts											
Hartford-New Haven-											
Springfield	947	1,051	1,007	946	834	834	--	--	36	170	193
-Springfield	947	1,051	1,007	946	834	834	--	--	36	170	193
Berkshire	294	184	177	166	146	146	108	121	139	166	173
Central	627	209	200	188	166	166	414	436	462	499	514
-Worcester	627	209	200	188	166	166	414	436	462	499	514
Metro Boston	1,905	1,367	1,309	1,230	1,086	1,086	597	653	746	933	979
-Boston	1,905	1,367	1,309	1,230	1,086	1,086	597	653	746	933	979
Metro Providence	94	75	72	68	60	60	18	23	29	40	42
Total	3,867	2,886	2,765	2,598	2,292	2,292	1,137	1,233	1,412	1,808	1,901
Maine	--	--	--	--	--	--	--	--	--	--	--
New Hampshire											
Merrimack Valley-S.N.H.	660	655	669	684	699	716	--	--	--	--	--
Total	660	655	669	684	699	716	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont											
Champlain Valley	54	62	75	75	74	75	--	--	--	--	--
Total	54	62	75	75	74	75	--	--	--	--	--
Total Region I	5,530	4,303	4,160	3,902	3,589	3,587	1,380	1,544	1,852	2,290	2,426
Region II											
New Jersey											
NJ-NY-CT	7,453	4,843	4,457	4,283	4,283	4,283	2,556	3,101	3,446	3,616	3,795
-NJ-NY	7,453	4,843	4,457	4,283	4,283	4,283	2,556	3,101	3,446	3,616	3,795
Metro Philadelphia	5,686	5,642	5,761	5,892	6,023	6,158	3	3	3	4	4
-Metro Philadelphia	5,686	5,642	5,761	5,892	6,023	6,158	3	3	3	4	4
NJ (remaining area)	370	240	--	--	--	--	127	375	384	392	401
-Ocean	370	240	--	--	--	--	127	375	384	392	401
N.E. Pa. -Upper Delaware Vly.	848	550	550	550	550	550	291	308	328	348	368
Total	14,357	11,277	10,768	10,725	10,856	10,991	2,977	3,787	4,161	4,360	4,568

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MFBI GAS COMBUSTORS
BY AQCR AND AQMA TO 1980
(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual	Projected									
	1974	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Region II -continued-											
New York											
NJ-NY-CT	3,567	2,609	2,657	2,972	3,088	3,173	933	959	727	692	693
-NJ-NY	3,567	2,609	2,657	2,972	3,088	3,173	933	959	727	692	693
Genesee-Finger Lakes	366	364	371	379	388	397	--	--	--	--	--
-Rochester	366	364	371	379	388	397	--	--	--	--	--
Niagara Frontier	2,556	2,094	2,107	2,424	2,545	2,609	444	484	226	164	161
-Niagara Frontier	2,556	2,094	2,107	2,424	2,545	2,609	444	484	226	164	161
Total	6,489	5,067	5,135	5,775	6,021	6,179	1,377	1,443	953	856	854
Total Region II	20,846	16,344	15,903	16,500	16,877	17,170	4,354	5,230	5,114	5,216	5,422
Region III											
Delaware											
Metro Philadelphia	1,152	834	852	871	890	911	310	317	324	331	338
Total	1,152	834	852	871	890	911	310	317	324	331	338
Maryland											
Cumberland-Keyser	6,457	4,636	4,388	4,619	4,585	4,567	1,777	2,159	2,077	2,259	2,433
-Potomac River	6,457	4,636	4,388	4,619	4,585	4,567	1,777	2,159	2,077	2,259	2,433
Metro Baltimore	7,216	4,577	4,276	4,646	4,631	4,622	2,590	3,042	2,839	3,019	3,202
-Baltimore	7,216	4,577	4,276	4,646	4,631	4,622	2,590	3,042	2,839	3,019	3,202
Total	13,673	9,213	8,664	9,265	9,216	9,189	4,367	5,201	4,916	5,278	5,635
Pennsylvania											
Metro Philadelphia	19,474	16,160	15,723	15,402	15,378	15,263	3,178	4,023	4,792	5,264	5,847
-Metro Philadelphia	19,474	16,160	15,723	15,402	15,378	15,263	3,178	4,023	4,792	5,264	5,847
N.E. Pa.-Upper Delaware Vly.	1,913	1,397	1,368	1,368	1,368	1,368	502	572	615	660	706
N.W. Pa.-Youngstown	4,305	3,142	3,080	3,080	3,080	3,080	1,134	1,286	1,385	1,483	1,587
-Erie	1,340	978	959	959	959	959	353	400	431	461	494
Central Pa.	1,002	732	717	717	717	717	263	299	322	346	369
-Johnstown	383	280	274	274	274	274	100	114	123	132	141
S. Central Pa.	5,157	3,764	3,689	3,689	3,689	3,689	1,358	1,540	1,659	1,777	1,902
-Harrisburg	1,487	1,086	1,064	1,064	1,064	1,064	391	444	478	512	548
-Lancaster	522	381	373	373	373	373	137	156	168	180	193
-York	355	259	254	254	254	254	94	106	114	122	131
S.W. Pa.	20,095	16,586	15,940	16,109	16,277	16,455	3,368	4,436	4,730	5,022	5,328
-Allegheny County	8,856	8,082	8,175	8,318	8,460	8,610	712	804	866	926	990
-Beaver Valley	4,431	3,235	2,555	2,555	2,555	2,555	1,165	1,938	2,040	2,142	2,248
-Monongahela Valley	3,004	2,202	2,160	2,160	2,161	2,162	781	887	955	1,023	1,094
Total	51,946	41,781	40,517	40,365	40,509	40,572	9,803	12,156	13,503	14,552	15,739

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MFBI GAS COMBUSTORS
BY AQCR AND AQMA TO 1980
(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual 1974	1976	1977	Projected 1978	1979	1980	1976	1977	1978	1979	1980
Region III -continued-											
Virginia											
Central Va.	2,322	487	246	35	35	35	1,819	2,109	2,374	2,427	2,484
-Lynchburg	657	138	70	35	35	35	514	596	647	662	678
Hampton Roads	339	182	165	158	154	154	155	179	196	205	213
-Hampton-Newport News	339	182	165	158	154	154	155	179	196	205	213
State Capitol	2,754	578	--	--	--	--	2,157	2,793	2,856	2,919	2,985
-Petersburg, Colonial Hts.- Hopewell	2,754	578	--	--	--	--	2,157	2,793	2,856	2,919	2,985
Valley of Va.	3,187	1,889	1,704	1,631	1,587	1,582	1,275	1,528	1,675	1,791	1,874
Total	8,602	3,136	2,115	1,824	1,776	1,771	5,406	6,609	7,101	7,342	7,556
West Virginia											
Huntington-Ashland-Portsmouth- Ironton	484	392	426	416	407	392	89	65	86	106	133
Parkersburg-Marietta	4,722	3,825	4,155	4,060	3,965	3,825	863	633	838	1,041	1,294
Steubenville-Weirton- Wheeling	1,466	1,336	1,399	1,404	1,410	1,410	120	87	116	144	179
Kanawha Valley	9,682	9,238	9,568	9,684	9,798	9,896	376	249	357	464	599
S. W.Va.	231	187	203	199	194	187	42	31	41	51	63
Total	16,585	14,978	15,751	15,763	15,774	15,710	1,490	1,065	1,438	1,806	2,268
Total Region III	91,958	69,942	67,899	68,088	68,165	68,153	21,376	25,348	27,282	29,309	31,536
Region IV											
Alabama											
Alabama & Tombigbee Rivers	3,939	2,767	2,526	2,717	2,361	2,061	1,145	1,469	1,367	1,815	2,306
Columbus (Ga.)-Phoenix City	4,981	3,493	3,170	3,414	2,966	2,599	1,453	1,881	1,751	2,314	2,800
E. Alabama	3,936	2,978	2,762	2,905	2,615	2,300	930	1,229	1,176	1,558	1,967
-Gadsden	2,876	2,232	2,078	2,171	1,977	1,744	624	838	811	1,072	1,374
Metro Birmingham	18,954	14,380	13,337	14,017	12,630	11,119	4,441	5,882	5,639	7,461	9,427
-Birmingham	17,339	13,356	12,415	12,996	11,790	10,399	3,861	5,166	4,985	6,589	8,396
Mobile-Pensacola-Panama City-S.M.I.	8,031	4,015	2,007	--	--	--	3,960	6,137	8,327	8,513	8,706
-Mobile	6,453	3,226	1,613	--	--	--	3,182	4,931	6,691	6,840	6,995
Tenn. R. Vly.-Cumberland Mts.	7,780	5,542	3,453	3,297	3,225	3,156	2,183	4,435	4,770	5,021	5,277
Total	47,621	33,175	27,255	26,350	23,797	21,235	14,112	21,033	23,030	26,682	30,483
Florida											
Mobile-Pensacola-Panama City-S.M.I.	20,467	14,428	13,796	12,622	12,860	13,025	5,896	6,959	8,604	8,836	9,160
Jacksonville-Brunswick	3,523	2,114	2,396	2,431	2,466	2,466	1,384	1,176	1,223	1,268	1,353
S.E. Fla.	4,325	2,022	2,288	2,322	2,354	2,354	2,273	2,097	2,162	2,230	2,333
W. Central Fla.	2,844	1,508	1,690	1,716	1,741	1,741	1,317	1,199	1,237	1,275	1,342
-Lakeland-Winter Haven	1,936	859	960	975	989	989	1,064	1,003	1,033	1,064	1,110
-Tampa-St. Petersburg	908	649	730	741	752	752	253	196	204	211	232
Total	31,158	20,072	20,170	19,091	19,421	19,586	10,870	11,431	13,226	13,609	14,188

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MFBI GAS COMBUSTORS
BY AQCR AND AQMA TO 1980
(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual	Projected									
	1974	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Region IV - continued -											
Kentucky											
Paducah-Cairo	5,209	3,541	3,229	3,073	2,969	2,813	1,631	2,052	2,328	2,552	2,834
Evansville-Owensboro-											
Henderson	2,187	1,487	1,355	1,290	1,246	1,180	683	861	977	1,072	1,190
Louisville	2,780	1,890	1,723	1,640	1,584	1,500	871	1,097	1,243	1,362	1,513
-Louisville	2,780	1,890	1,723	1,640	1,584	1,500	871	1,097	1,243	1,362	1,513
Metro Cincinnati	868	590	538	512	495	469	272	342	388	425	472
Bluegrass	752	511	466	444	429	406	236	296	336	368	409
Huntington-Ashland-											
Portsmouth-Ironton	1,730	1,177	1,074	1,022	986	935	542	682	774	849	941
Total	13,527	9,196	8,385	7,981	7,709	7,303	4,235	5,330	6,046	6,628	7,359
Georgia											
Jacksonville-Brunswick	947	900	852	881	852	805	40	108	101	152	222
Augusta-Aiken	7,329	7,029	6,773	6,982	6,844	6,592	249	659	618	925	1,352
Central Ga.	3,997	3,796	3,597	3,717	3,597	3,397	172	455	427	639	935
Chattanooga	2,751	2,613	2,476	2,558	2,476	2,339	119	313	295	440	643
Metro Atlanta	2,065	1,964	1,864	1,926	1,866	1,766	87	230	216	323	473
-Atlanta	1,899	1,806	1,715	1,771	1,717	1,625	80	211	199	296	434
N.E. Ga.	380	361	342	353	342	323	16	43	41	61	89
Savannah-Beaufort	11,881	9,480	8,444	9,536	8,621	7,717	2,319	3,604	2,786	3,974	5,163
-Savannah	10,218	7,900	6,947	7,989	7,124	6,303	2,248	3,415	2,608	3,708	4,774
S.W. Ga.	2,784	2,108	1,837	2,136	1,886	1,654	656	985	752	1,065	1,365
-Albany	764	724	685	710	686	648	35	89	83	124	181
Total	32,134	28,251	26,185	28,089	26,484	24,593	3,658	6,397	5,236	7,579	10,242
Mississippi											
Mobile-Pensacola-Panama											
City-S.M.I.	36,694	30,967	28,834	27,119	27,420	27,146	5,469	8,373	10,934	11,476	12,630
Mississippi Delta	17,972	17,224	17,353	17,650	17,912	17,911	623	872	988	1,139	1,572
Total	54,666	48,191	46,187	44,769	45,332	45,057	6,092	9,245	11,922	12,615	14,202
North Carolina											
N. Piedmont	1,427	357	173	--	--	--	1,061	1,275	1,481	1,512	1,547
-Greensboro	468	117	57	--	--	--	348	418	486	496	507
E. Piedmont	1,311	424	276	110	70	44	878	1,053	1,250	1,319	1,378
Metro Charlotte	1,136	285	102	--	--	--	843	1,050	1,178	1,204	1,231
-Charlotte	27	8	3	--	--	--	19	24	28	29	29
Sandhills	2,043	1,341	1,271	950	603	378	688	800	1,169	1,563	1,837
S. Coastal Plain	2,178	544	261	--	--	--	1,619	1,917	2,259	2,309	2,360
W. Mountain	3,477	859	417	--	--	--	2,594	3,109	3,605	3,685	3,769
Total	11,572	3,810	2,500	1,060	673	422	7,683	9,204	10,942	11,592	12,122

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MFBI GAS COMBUSTORS
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(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual	Projected									
	1974	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Region IV -continued-											
South Carolina											
Augusta-Aiken	5,463	4,676	4,333	4,576	4,554	4,227	747	1,205	1,089	1,236	1,694
Savannah-Beaufort	414	356	325	338	334	303	55	95	91	105	146
Metro Charlotte	4,038	3,477	3,156	3,263	3,213	2,891	532	939	924	1,068	1,486
Camden-Sumter	1,329	1,142	1,044	1,088	1,075	979	178	304	291	333	461
Charleston	5,328	4,558	4,236	4,492	4,478	4,177	732	1,167	1,033	1,170	1,599
-Charleston	262	226	204	211	207	185	34	62	61	71	99
Columbia	1,116	962	870	897	882	789	146	262	260	301	421
Florence	3,705	3,187	2,902	3,004	2,964	2,679	493	856	837	963	1,337
Greenville-Spartanburg	1,883	1,610	1,497	1,590	1,587	1,482	260	413	364	409	558
-Greenville	97	83	76	80	79	72	13	22	21	24	33
Greenwood	25	21	20	21	20	19	4	5	5	7	8
Total	23,301	19,989	18,383	19,269	19,107	17,546	3,147	5,246	4,894	5,592	7,710
Tennessee											
Metro Memphis	14,863	5,989	4,954	4,452	4,315	4,150	8,770	10,116	10,961	11,440	11,961
Chattanooga	2,589	1,686	1,427	1,405	1,332	1,248	884	1,198	1,280	1,412	1,559
-Chattanooga	2,589	1,686	1,427	1,405	1,332	1,248	884	1,198	1,280	1,412	1,559
E. Tenn.	13,716	6,676	5,253	4,540	4,309	4,025	6,945	8,658	9,686	10,232	10,846
Middle Tenn.	6,375	5,120	4,499	4,429	4,257	4,020	1,211	1,966	2,184	2,502	2,892
-Nashville	3,560	2,688	2,300	2,261	2,143	2,004	847	1,310	1,431	1,631	1,855
W. Tenn.	1,992	1,283	1,080	1,013	969	897	695	940	1,053	1,143	1,263
Total	39,535	20,754	17,213	15,839	15,182	14,340	18,505	22,878	25,164	26,729	28,521
Total Region IV	253,514	183,438	166,278	162,448	157,705	150,082	68,302	90,764	100,460	111,026	124,827
Region V											
Illinois											
Burlington-Keokuk	1,577	1,366	1,303	1,152	1,009	931	200	296	483	662	779
Peoria	1,003	929	901	752	642	592	67	116	288	421	496
E. Central Ill.	1,222	1,062	1,014	916	782	721	151	225	351	513	604
Metro Chicago	48,340	45,930	44,825	37,181	32,563	30,439	2,072	4,190	12,947	18,677	21,961
-IL-IN-WI	43,637	41,504	40,512	32,929	28,340	26,249	1,828	3,734	12,322	17,915	21,053
Metro Dubuque	5,000	4,705	4,585	4,520	4,490	4,455	260	485	665	810	965
Metro Quad Cities	9,286	8,997	8,816	6,965	5,943	5,478	224	600	2,665	3,900	4,588
Metro St. Louis	13,599	12,592	12,066	9,370	7,995	7,370	910	1,722	4,732	6,420	7,369
-St. Louis	13,599	12,592	12,066	9,370	7,995	7,370	910	1,722	4,732	6,420	7,369
N. Central Ill.	5,391	5,038	4,897	4,236	3,754	3,532	316	569	1,354	1,959	2,310
Paducah-Cairo	43	40	38	38	38	37	3	6	7	8	10
S.E. Ill.	1,918	1,709	1,644	1,439	1,228	1,132	196	301	550	805	947
W. Central Ill.	9,824	8,506	8,115	7,306	6,287	5,796	1,248	1,846	2,882	4,127	4,853
-Decatur	9,824	8,506	8,115	7,306	6,287	5,796	1,248	1,846	2,882	4,127	4,853
Total	96,200	89,945	87,303	73,123	64,089	59,891	5,580	10,240	26,636	37,881	44,386

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(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual	Projected									
	1974	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Region V -continued-											
Indiana											
Metro Chicago	74,143	71,180	66,731	59,315	55,608	51,869	2,446	8,451	17,573	22,986	28,493
-IL-IN-WI	74,143	71,180	66,731	59,315	55,608	51,869	2,446	8,451	17,573	22,986	28,493
E. Central Ind.	1,680	1,311	1,296	1,200	1,116	1,032	357	407	543	664	790
Evansville-Owensboro-											
Henderson	1,430	1,072	929	858	786	716	348	521	625	730	834
Louisville	830	622	540	498	453	416	202	302	363	427	483
-Louisville	830	622	540	498	453	416	202	302	363	427	483
Metro Cincinnati	692	519	519	512	505	498	168	183	206	228	252
Metro Indianapolis	241	180	180	169	157	145	60	64	81	98	116
-Indianapolis	241	180	180	169	157	145	60	64	81	98	116
S. Bend-Elkhart-Benton											
Harbor	1,597	1,532	1,437	1,277	1,197	1,117	64	181	378	496	613
S. Ind.	1,118	838	727	671	615	559	272	407	488	570	653
Wabash Valley	2,244	1,863	1,672	1,516	1,405	1,292	365	603	811	973	1,141
Total	83,975	79,117	74,031	66,016	61,842	57,644	4,282	11,119	21,068	27,172	33,375
Michigan											
Central Mich.	6,429	5,704	5,319	5,078	4,990	4,956	679	1,199	1,588	1,824	2,013
Metro Detroit-Port Huron	74,525	68,102	61,672	59,433	59,090	59,246	5,905	13,899	17,848	19,909	21,537
-Detroit	74,525	68,102	61,672	59,433	59,090	59,246	5,905	13,899	17,848	19,909	21,537
S. Central Mich.	12,976	11,287	11,660	11,287	11,031	10,899	1,599	1,498	2,169	2,724	3,166
Upper Mich.	21,154	20,216	20,119	19,905	19,886	19,925	789	1,330	2,032	2,537	2,975
Total	115,084	105,309	98,770	95,703	94,997	95,026	8,972	17,926	23,637	26,994	29,691
Minnesota											
Central Minn.	430	393	378	345	303	301	34	58	101	153	165
S.E. Minn.-La Crosse	2,100	1,574	1,355	1,272	1,200	1,176	511	775	906	1,025	1,100
Duluth-Superior	19,275	18,404	18,312	17,827	17,156	17,362	736	1,233	2,161	3,276	3,533
Minneapolis-St. Paul	5,283	4,537	4,235	3,876	3,453	3,414	708	1,123	1,602	2,147	2,313
-Minneapolis-St. Paul	5,283	4,537	4,235	3,876	3,453	3,414	708	1,123	1,602	2,147	2,313
N.W. Minn.	879	803	774	705	619	615	70	117	207	313	338
S.W. Minn.	395	291	247	229	214	208	101	154	181	205	220
Total	28,362	26,002	25,301	24,254	22,945	23,076	2,160	3,460	5,158	7,119	7,669
Ohio											
Metro Cincinnati	24,715	14,660	13,624	14,466	14,346	14,151	9,882	11,437	11,164	11,852	12,640
-Cincinnati	24,715	14,660	13,624	14,466	14,346	14,151	9,882	11,437	11,164	11,852	12,640
Huntington-Ashland-											
Portsmouth-Ironton	5,718	3,500	3,294	3,631	3,602	3,556	2,178	2,504	2,298	2,459	2,642
Metro Toledo	9,553	6,992	6,804	7,164	7,201	7,233	2,495	2,882	2,742	2,925	3,123
-Toledo	9,553	6,992	6,804	7,164	7,201	7,233	2,495	2,882	2,742	2,925	3,123
Dayton	2,057	1,187	1,089	1,115	1,106	1,092	856	996	1,018	1,074	1,137
-Dayton	2,057	1,187	1,089	1,115	1,106	1,092	856	996	1,018	1,074	1,137

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(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual	Projected									
	1974	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Region V -continued-											
Ohio -continued-											
Greater Metro Cleveland	24,270	22,521	23,451	24,269	24,871	25,126	1,580	1,160	900	855	1,184
-Akron-Canton	4,612	3,782	4,152	4,429	4,567	4,475	798	526	355	323	526
-Cleveland	19,658	18,739	19,299	19,840	20,304	20,651	782	634	545	532	658
Mansfield-Marion	2,983	2,747	2,794	2,873	2,933	2,994	215	230	220	228	240
-Mansfield	2,390	2,244	2,291	2,343	2,396	2,450	129	132	135	137	141
Metro Columbus	3,520	1,836	1,598	1,290	1,288	1,281	1,660	1,965	2,359	2,444	2,535
-Columbus	3,320	1,719	1,490	1,178	1,177	1,171	1,578	1,870	2,264	2,343	2,428
N.W. Ohio	10,268	8,420	9,241	9,857	10,166	9,960	1,776	1,171	791	718	1,171
N.W. Pa.-Youngstown	12,305	10,697	11,510	12,164	12,517	12,514	1,522	967	596	526	824
-Youngstown	12,305	10,697	11,510	12,164	12,517	12,514	1,522	967	596	526	824
Parkersburg-Marietta	710	539	571	613	627	616	167	149	124	126	154
Sandusky	3,312	3,144	3,206	3,280	3,352	3,426	144	152	154	159	164
Steubenville-Weirton-											
Wheeling	5,449	5,411	5,525	5,651	5,776	5,907	--	--	--	--	--
-Steubenville	5,449	5,411	5,525	5,651	5,776	5,907	--	--	--	--	--
Zanesville-Cambridge	2,225	1,341	1,264	1,322	1,317	1,299	869	993	986	1,041	1,112
Total	107,085	82,995	83,971	87,695	89,102	89,155	23,344	24,606	23,352	24,407	26,926
Wisconsin											
Rockford-Janesville-											
Beloit	462	451	339	316	300	274	11	133	166	191	230
S.E. Minn. - La Crosse	182	177	133	124	118	107	4	50	64	75	90
Lake Michigan	12,130	11,791	9,174	8,647	8,344	7,712	253	3,126	3,930	4,512	5,525
-Lake Michigan	11,055	10,749	8,390	7,917	7,646	7,078	229	2,821	3,546	4,072	4,995
N. Central Wisconsin	4,568	4,452	3,612	3,456	3,371	3,179	84	1,020	1,280	1,471	1,772
S.E. Wiscon.	5,665	5,540	4,683	4,542	4,472	4,295	86	1,061	1,333	1,533	1,845
-IL-IN-WI	5,665	5,540	4,683	4,542	4,472	4,295	86	1,061	1,333	1,533	1,845
S. Wisc.	2,850	2,765	2,081	1,939	1,853	1,682	65	809	1,016	1,168	1,407
Total	25,860	25,176	20,022	19,024	18,458	17,249	503	6,199	7,789	8,950	10,869
Total Region V	456,566	408,544	389,398	365,815	351,433	342,041	44,841	73,550	107,640	132,523	152,916

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Region State AQCR -AQMA	Consumption						Shortages				
	Actual 1974	1976	1977	Projected 1978	1979	1980	1976	1977	1978	1979	1980
Region VI											
Arkansas											
Central AR	23,162	18,760	18,760	18,760	18,760	18,760	4,240	4,726	5,260	5,792	6,347
-Little Rock	18,239	14,773	14,773	14,773	14,773	14,773	3,338	3,721	4,141	4,561	4,998
Metro Fort Smith	375	304	304	304	304	304	68	76	85	94	102
Monroe-El Dorado	6,425	4,221	4,221	4,221	4,221	4,221	2,159	2,486	3,114	3,262	3,416
N.E. AR	4,731	3,832	3,832	3,832	3,832	3,832	866	966	1,074	1,182	1,296
Shreveport- <u>Texarkana-</u> Tyler	<u>5,335</u>	<u>4,321</u>	<u>4,321</u>	<u>4,321</u>	<u>4,321</u>	<u>4,321</u>	<u>977</u>	<u>1,089</u>	<u>1,212</u>	<u>1,334</u>	<u>1,462</u>
Total	40,028	31,438	31,438	31,438	31,438	31,438	8,310	9,343	10,745	11,664	12,623
Louisiana											
Monroe-El Dorado	23,311	22,034	22,396	22,793	22,994	23,203	1,113	1,241	1,381	1,716	2,066
Shreveport- <u>Texarkana-</u> Tyler	<u>16,167</u>	<u>13,891</u>	<u>13,048</u>	<u>12,228</u>	<u>12,358</u>	<u>12,494</u>	<u>2,162</u>	<u>3,346</u>	<u>4,537</u>	<u>4,778</u>	<u>5,031</u>
-Shreveport	9,499	7,416	6,507	5,609	5,733	5,863	2,016	3,125	4,241	4,335	4,434
S.LA-S.E. TX	<u>426,019</u>	<u>419,701</u>	<u>426,901</u>	<u>434,946</u>	<u>441,755</u>	<u>448,861</u>	<u>3,334</u>	<u>5,083</u>	<u>6,838</u>	<u>9,826</u>	<u>12,941</u>
Total	465,497	455,626	462,345	469,967	477,107	484,558	6,609	9,670	12,756	16,320	20,038
New Mexico											
AZ-NM-S. Border	2,706	1,696	1,276	857	876	895	991	1,468	1,949	1,992	2,038
Albuquerque-Mid Rio Grande	5,456	5,406	5,281	5,292	5,336	5,488	11	252	366	447	426
-Albuquerque	<u>2,917</u>	<u>2,890</u>	<u>2,823</u>	<u>2,829</u>	<u>2,853</u>	<u>2,934</u>	<u>6</u>	<u>135</u>	<u>196</u>	<u>239</u>	<u>228</u>
Total	8,162	7,102	6,557	6,149	6,212	6,383	1,002	1,720	2,315	2,439	2,464
Oklahoma											
Metro Fort Smith	982	975	996	1,018	1,041	1,064	--	--	--	--	--
Shreveport- <u>Texarkana-</u> Tyler	<u>1,261</u>	<u>1,252</u>	<u>1,278</u>	<u>1,308</u>	<u>1,337</u>	<u>1,368</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
Central OK	1,724	1,711	1,748	1,788	1,827	1,869	--	--	--	--	--
-Central OK	<u>1,724</u>	<u>1,711</u>	<u>1,748</u>	<u>1,788</u>	<u>1,827</u>	<u>1,869</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MFBI GAS COMBUSTORS
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(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual	Projected									
	1974	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Region VI -continued-											
Oklahoma -continued-											
N. Central OK	11,464	11,384	11,624	11,888	12,152	12,427	--	--	--	--	--
N.E. OK	20,811	20,664	21,101	21,579	22,058	22,559	--	--	--	--	--
-Tulsa	20,719	20,573	21,008	21,484	21,960	22,459	--	--	--	--	--
N.W. OK	1,216	1,207	1,233	1,261	1,289	1,318	--	--	--	--	--
S.E. OK	4,320	4,290	4,380	4,480	4,579	4,683	--	--	--	--	--
S.W. OK	5,566	5,527	5,644	5,772	5,900	6,034	--	--	--	--	--
Total	47,344	47,010	48,004	49,094	50,183	51,322	--	--	--	--	--
Texas											
Shreveport-Texarkana-											
Tyler	24,748	24,574	25,094	24,525	23,568	22,369	--	--	1,138	2,665	4,458
S. LA-S.E. TX	288,605	286,583	292,643	295,739	291,756	284,370	--	--	3,542	14,164	28,474
-Beaumont	285,555	283,554	289,550	292,717	288,851	281,614	--	--	3,402	13,836	27,924
El Paso-Las Cruces	1,676	1,664	1,699	1,738	1,777	1,710	--	--	--	--	107
-El Paso	1,676	1,664	1,699	1,738	1,777	1,710	--	--	--	--	107
Abilene-Wichita Falls	703	698	713	729	745	762	--	--	--	--	--
Amarillo-Lubbock	57,993	57,588	58,804	58,828	57,635	56,011	--	--	1,310	3,837	6,853
Austin-Waco	2,687	2,669	2,725	2,786	2,848	2,913	--	--	--	--	--
Brownsville-Laredo	4,089	4,060	4,146	4,048	3,885	3,680	--	--	192	449	752
Corpus Christi-Victoria	93,045	92,394	94,350	93,536	91,340	88,308	--	--	2,951	7,289	12,551
-Corpus Christi	70,781	70,286	71,773	70,911	68,985	66,344	--	--	2,488	6,043	10,381
Metro Dallas-Fort Worth	27,499	27,307	27,885	28,436	28,883	29,317	--	--	80	267	492
-Dallas-Fort Worth	26,307	26,123	26,676	27,200	27,619	28,025	--	--	80	267	492
Metro Houston-Galveston	457,391	454,190	463,793	467,140	463,824	455,492	--	--	7,173	21,015	40,323
-Galveston	103,100	102,378	104,544	106,189	106,373	105,216	--	--	725	2,914	6,544
-Houston	325,999	323,718	330,562	332,160	329,252	323,561	--	--	5,901	16,310	29,825
Metro San Antonio	6,544	6,497	6,634	6,787	6,936	7,094	--	--	--	--	--
-San Antonio	6,544	6,497	6,634	6,787	6,936	7,094	--	--	--	--	--
Midland-Odessa-											
San Angelo	23,450	23,286	23,778	23,842	23,633	23,164	--	--	476	1,223	2,254
Total	988,430	981,510	1,002,264	1,008,134	996,830	975,190	--	--	16,862	50,909	96,264
Total Region VI	1,549,461	1,522,686	1,550,608	1,564,782	1,561,770	1,548,891	15,921	20,733	42,678	81,332	131,389

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MFBI GAS COMBUSTORS
BY AQCR AND AQMA TO 1980

(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual	Projected									
	1974	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Region VII											
Iowa											
Burlington-Keokuk	6,741	6,357	6,087	6,019	6,195	6,119	336	748	971	951	1,188
Metro Dubuque	929	771	585	492	511	418	151	357	471	474	589
-Dubuque	929	771	585	492	511	418	151	357	471	474	589
Metro Quad Cities	7,735	7,320	6,993	6,898	7,071	6,980	360	850	1,123	1,129	1,405
-Davenport	401	333	253	213	221	180	65	154	203	204	255
Metro Sioux City	3,258	3,235	3,304	3,379	3,453	3,532	--	--	--	--	--
N.E. IA	5,315	4,411	3,349	2,817	2,923	2,392	866	2,041	2,694	2,710	3,369
-Cedar Rapids	2,864	2,377	1,805	1,518	1,575	1,289	466	1,099	1,452	1,460	1,815
-Waterloo	2,451	2,034	1,544	1,299	1,348	1,103	400	942	1,242	1,250	1,554
N. Central IA	1,216	1,009	766	644	669	547	198	467	617	620	771
S. Central IA	4,762	3,952	3,000	2,523	2,620	2,142	617	1,828	2,415	2,427	3,020
-Des Moines	4,232	3,511	2,665	2,242	2,328	1,903	531	1,625	2,145	2,156	2,683
Total	29,957	27,055	24,084	22,772	23,442	22,130	2,528	6,291	8,291	8,311	10,342
Kansas											
Metro Kansas City	8,750	7,249	6,957	6,797	6,715	6,534	1,439	1,914	2,276	2,559	2,950
-Kansas City	8,750	7,249	6,957	6,797	6,715	6,534	1,439	1,914	2,276	2,559	2,950
N.E. KS	498	334	284	249	224	190	160	221	267	304	349
N. Central KS	2,793	2,773	2,832	2,896	2,961	3,028	--	--	--	--	--
N. W. KS	1,379	1,023	915	840	786	709	346	483	590	676	786
S. E. KS	6,243	4,889	4,529	4,294	4,142	3,914	1,312	1,803	2,182	2,477	2,854
S. Central KS	6,889	4,616	3,926	3,445	3,100	2,618	2,224	3,060	3,699	4,203	4,850
Total	26,552	20,884	19,443	18,521	17,928	16,993	5,481	7,481	9,014	10,219	11,789
Missouri											
Metro St. Louis	7,059	6,173	6,162	5,993	5,948	5,902	837	996	1,328	1,535	1,750
-St. Louis	7,059	6,173	6,162	5,993	5,948	5,902	837	996	1,328	1,535	1,750
Metro Kansas City	10,672	8,741	8,600	8,092	7,859	7,630	1,857	2,222	2,976	3,454	3,939
-Kansas City	10,672	8,741	8,600	8,092	7,859	7,630	1,857	2,222	2,976	3,454	3,939
N. MO	549	434	423	390	373	357	111	134	179	209	238
S.E. MO	531	527	538	551	563	576	--	--	--	--	--

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MFBI GAS COMBUSTORS
BY AQCR AND AQMA TO 1980
(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual	Projected									
	1974	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Region VII -continued-											
Missouri -continued-											
S.W. MO	1,405	1,395	1,425	1,457	1,489	1,523	--	--	--	--	--
Total	20,216	17,270	17,148	16,483	16,232	15,988	2,805	3,352	4,483	5,198	5,927
Nebraska											
Omaha-Council Bluffs	2,308	2,292	2,340	2,393	2,447	2,502	--	--	--	--	--
-Omaha-Council Bluffs	2,308	2,292	2,340	2,393	2,447	2,502	--	--	--	--	--
Lincoln-Beatrice-Fairbury	5,256	5,190	5,227	5,327	5,426	5,531	29	103	124	145	167
N.E. Intrastate	3,405	3,166	2,704	2,626	2,548	2,472	215	750	905	1,061	1,219
Total	10,969	10,648	10,271	10,346	10,421	10,505	244	853	1,029	1,206	1,386
Total Region VII	87,694	75,857	70,946	68,122	68,023	65,616	11,058	17,977	22,817	24,934	29,444
Region VIII											
Colorado											
Metro Denver	18,137	18,010	18,107	18,215	18,321	18,434	--	283	593	905	1,226
-Metro Denver	18,137	18,010	18,107	18,215	18,321	18,434	--	283	593	905	1,226
Pawnee	4,998	4,965	4,907	4,853	4,799	4,748	--	162	332	500	671
-W. Central CO	3,148	3,127	3,170	3,218	3,265	3,315	--	22	47	72	97
San Isabel	8,438	8,379	7,902	7,701	7,500	7,303	--	654	1,049	1,444	1,844
-Colorado Springs	708	703	718	734	750	767	--	--	--	--	--
-Pueblo	5,435	5,397	4,857	4,587	4,317	4,048	--	654	1,049	1,444	1,844
Total	31,573	31,354	30,916	30,769	30,620	30,485	--	1,099	1,974	2,849	3,741
Montana											
Billings	2,653	1,465	1,474	1,484	1,493	1,503	1,169	1,216	1,268	1,319	1,372
-Billings	2,653	1,465	1,474	1,484	1,493	1,503	1,169	1,216	1,268	1,319	1,372
Great Falls	200	84	46	46	46	46	115	157	161	166	171
Helena	11,117	5,796	4,099	4,143	4,189	4,236	5,242	7,174	7,384	7,596	7,815
-Anaconda-Butte	7,252	3,046	1,668	1,668	1,668	1,668	4,154	5,685	5,852	6,020	6,193
-Helena	1,899	798	437	437	437	437	1,088	1,489	1,532	1,576	1,622

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MFBI GAS COMBUSTORS
BY AQCR AND AQMA TO 1980
(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual 1974	1976	1977	Projected 1978	1979	1980	1976	1977	1978	1979	1980
Region VIII -continued-											
Montana -continued-											
Miles City	658	329	329	329	329	329	324	338	353	368	384
Missoula	1,292	543	297	297	297	297	740	1,013	1,043	1,073	1,104
-Missoula	1,292	543	297	297	297	297	740	1,013	1,043	1,073	1,104
Total	15,920	8,217	6,245	6,299	6,354	6,411	7,590	9,898	10,209	10,522	10,846
 North Dakota											
N.D. Intrastate	848	424	424	424	424	424	418	436	455	475	495
Total	848	424	424	424	424	424	418	436	455	475	495
 South Dakota											
Metro Sioux Falls	605	151	76	38	38	38	450	537	589	603	618
-Sioux Falls	605	151	76	38	38	38	450	537	589	603	618
Total	605	151	76	38	38	38	450	537	589	603	618
 Utah											
UT (excluding Wasatch and Four Corners Area)	2,007	1,848	2,036	2,083	2,008	1,908	146	--	--	120	268
-N. Central UT	1,886	1,735	1,912	1,956	1,886	1,792	138	--	--	113	252
 Wasatch Front	25,825	23,816	26,188	26,781	25,872	24,637	1,830	--	--	1,504	3,357
-Salt Lake City	14,344	13,254	14,546	14,875	14,391	13,730	991	--	--	815	1,819
-Provo	11,481	10,562	11,642	11,906	11,481	10,907	839	--	--	689	1,538
Total	27,832	25,664	28,224	28,864	27,880	26,545	1,976	--	--	1,624	3,625
 Wyoming											
Casper	3,202	3,180	2,984	2,850	2,850	2,850	--	263	470	544	621
Metro Cheyenne	1,471	1,461	1,491	1,526	1,560	1,595	--	--	--	--	--
WY (remaining area)	22,443	19,978	21,268	21,182	19,935	18,968	1,716	960	2,092	3,855	5,359
-Sweetwater	19,347	17,799	19,619	20,064	19,347	18,380	1,336	--	--	1,161	2,592
Total	27,116	24,619	25,743	25,558	24,345	23,413	1,716	1,223	2,562	4,399	5,980
 Total Region VIII	103,894	90,429	91,628	91,952	89,661	87,316	12,150	13,193	15,789	20,472	25,305

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MPBI COMBUSTORS
BY AQCR AND AQMA TO 1980
(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual	Projected									
	1974	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Region IX											
Arizona											
AZ-NM-S. Border	10,431	7,824	7,198	6,154	5,633	5,633	2,534	3,379	4,663	5,424	5,674
Four Corners	3,567	2,036	1,581	1,025	939	939	1,526	2,036	2,674	2,842	2,928
Phoenix-Tucson	14,015	9,680	8,506	6,867	6,286	6,286	4,237	5,705	7,666	8,570	8,907
-Phoenix	711	284	142	--	--	--	422	579	737	754	771
-Tucson	4,298	2,876	2,479	1,950	1,786	1,786	1,392	1,879	2,507	2,770	2,873
Total	28,013	19,540	17,285	14,046	12,858	12,858	8,297	11,120	15,003	16,836	17,509
California											
Metro Los Angeles	45,990	42,831	26,014	19,423	2,655	2,377	2,839	19,559	26,333	42,981	42,793
-S. Coast	45,990	42,831	26,014	19,423	2,655	2,377	2,839	19,559	26,333	42,981	42,793
N. Central Coast	3,782	3,493	3,380	3,171	3,006	2,905	263	418	649	848	1,020
Sacramento Valley	6,408	5,959	5,793	5,494	5,246	5,102	404	646	1,002	1,311	1,577
-Sacramento Valley	2,578	2,381	2,302	2,161	2,048	1,980	178	285	441	578	695
San Diego	74	73	49	7	--	--	--	19	48	56	57
-San Diego	74	73	49	7	--	--	--	19	48	56	57
San Francisco Bay	71,552	68,535	67,710	65,772	64,356	64,070	2,516	3,993	6,205	8,087	9,741
-San Francisco Bay	71,552	68,535	67,710	65,772	64,356	64,070	2,516	3,993	6,205	8,087	9,741
San Joaquin Valley	22,511	20,827	118,368	17,560	16,894	16,551	1,528	4,216	5,194	6,029	6,747
-Fresno County	7,191	6,735	6,591	6,332	6,085	5,955	406	645	1,002	1,308	1,575
-Kern County	4,535	4,060	2,085	2,024	1,990	2,009	443	2,421	2,460	2,492	2,510
-San Joaquin and Stanislaus Counties	6,808	6,370	6,232	5,968	5,741	5,613	392	619	964	1,258	1,514
-Tulare County	104	85	--	--	--	--	18	103	103	103	103
S. Central Coast	583	481	--	--	--	--	98	578	579	579	577
S. E. Desert	34,810	32,095	23,617	19,077	16,096	15,698	2,472	11,310	16,527	19,662	20,350
-S.E. Desert	24,201	22,337	17,803	14,735	12,132	11,723	1,695	6,464	9,904	12,624	13,274
Total	185,711	174,294	144,931	130,504	108,253	106,703	10,120	40,739	56,537	79,553	82,862
Nevada											
Clark-Mohave	318	127	63	--	--	--	189	259	330	337	345
N.W. NV	1,788	1,775	1,813	1,854	1,895	1,938	--	--	--	--	--
Total	2,106	1,902	1,876	1,854	1,895	1,938	189	259	330	337	345
Total Region IX	215,830	195,736	164,092	146,404	123,006	121,499	18,606	52,118	71,870	96,726	100,716

PROJECTED GAS CONSUMPTION AND SHORTAGES IN MAJOR MFBI GAS COMBUSTORS
BY AQCR AND AQMA TO 1980
(Billions of Btu's Per Year)

Region State AQCR -AQMA	Consumption						Shortages				
	Actual	Projected									
	1974	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Region X											
Idaho											
E. ID	3,660	3,634	3,711	3,795	3,879	3,964	--	--	--	--	4
E. WA-N. ID	5,158	5,122	5,231	5,349	5,468	5,591	--	--	--	--	--
ID Intrastate	318	316	322	330	334	333	--	--	--	3	12
Metro Boise	588	584	597	610	618	615	--	--	--	5	22
Total	9,724	9,656	9,861	10,084	10,299	10,503	--	--	--	8	38
Oregon											
E. OR	1,084	1,076	1,047	1,036	1,067	1,139	--	53	88	82	35
N.W. OR	950	943	913	902	925	991	--	50	83	82	39
Portland	12,595	12,507	12,166	12,061	12,374	13,193	1	604	999	979	462
-Eugene-Springfield	891	885	856	846	868	929	--	47	78	76	37
-Portland-Vancouver	3,904	3,876	3,814	4,561	3,907	4,128	1	144	243	232	104
Total	14,629	14,526	14,126	13,999	14,366	15,323	1	707	1,170	1,143	536
Washington											
E. WA-N. ID	1,708	1,696	1,732	1,771	1,810	1,852	--	--	--	--	--
-Spokane	572	568	580	593	606	620	--	--	--	--	--
Portland	12,346	10,728	10,573	10,516	10,851	11,295	1,531	1,946	2,287	2,236	2,088
-Portland-Vancouver	4,982	4,240	4,145	4,095	4,225	4,404	707	907	1,071	1,056	997
Olympic-N.W. WA	18,975	18,105	18,355	18,477	19,195	19,773	735	884	1,199	917	794
Puget Sound	25,117	22,164	21,909	21,833	22,469	23,301	2,777	3,561	4,216	4,156	3,930
-Puget Sound	24,432	21,482	21,212	21,121	21,741	22,556	2,777	3,561	4,216	4,156	3,930
S. Central WA	2,869	2,452	2,400	2,374	2,447	2,550	397	509	602	594	560
Total	61,015	55,145	54,969	54,971	56,772	58,771	5,440	6,900	8,304	7,903	7,372
Total Region X	85,368	79,327	78,956	79,054	81,437	84,597	5,441	7,607	9,474	9,054	7,946
Total Lower 48 States	2,870,661	2,646,606	2,599,868	2,567,067	2,521,666	2,488,952	203,429	308,064	404,976	512,882	611,927

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980
(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
EPA Region I																				
Connecticut																				
Hartford-New Haven-																				
Springfield	233	299	424	464	506	10	12	16	18	19	--	--	--	--	--	--	--	--	--	--
-Ct	233	299	424	464	506	10	12	16	18	19	--	--	--	--	--	--	--	--	--	--
Total	233	299	424	464	506	10	12	16	18	19	--	--	--	--	--	--	--	--	--	--
Massachusetts																				
Hartford-New Haven-																				
Springfield	--	--	36	170	193	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Springfield	--	--	36	170	193	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Berkshire	108	121	139	166	173	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Central Massachusetts	414	436	462	499	514	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Worcester	414	436	462	499	514	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metro Boston	597	653	746	933	979	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Boston	597	653	746	933	979	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metro Providence	18	23	29	40	42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	1,137	1,233	1,412	1,808	1,901															
Maine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Merrimack Vly -	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S.N.H.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Champlain Valley	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Region I	1,370	1,532	1,836	2,272	2,407	10	12	16	18	19	--	--	--	--	--	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
EPA Region II																				
New Jersey																				
NJ-NY-CT	2,556	3,101	3,446	3,616	3,795	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-NJ-NY	2,556	3,101	3,446	3,616	3,795	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metro Philadelphia	3	3	3	4	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Metro Philadelphia	3	3	3	4	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NJ (Remaining Area)	127	375	384	392	401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Ocean	127	375	384	392	401	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N.E. PA-Upper Delaware Vly.	291	308	328	348	368	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	2,977	3,787	4,161	4,360	4,568	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
New York																				
NJ-NY-CT	768	793	585	553	559	165	166	142	139	134	--	--	--	--	--	--	--	--	--	--
-NJ-NY	768	793	585	553	559	165	166	142	139	134	--	--	--	--	--	--	--	--	--	--
Genesee Finger Lakes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Rochester	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Niagara Frontier	433	472	217	156	153	11	12	9	8	8	--	--	--	--	--	--	--	--	--	--
-Niagara Frontier	433	472	217	156	153	11	12	9	8	8	--	--	--	--	--	--	--	--	--	--
Total	1,201	1,265	802	709	712	176	178	151	147	142	--	--	--	--	--	--	--	--	--	--
Total Region II	4,178	5,052	4,963	5,069	5,280	176	178	151	147	142	--	--	--	--	--	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region III																				
Delaware																				
Metro Philadel.	310	317	324	331	338	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	310	317	324	331	338	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maryland																				
Cumberland-Keyser	1,057	1,317	1,289	1,420	1,544	720	842	788	839	889	--	--	--	--	--	--	--	--	--	--
-Potomac River	1,057	1,317	1,289	1,420	1,544	720	842	788	839	889	--	--	--	--	--	--	--	--	--	--
Metro Baltimore	1,366	1,598	1,485	1,574	1,666	1,224	1,444	1,354	1,445	1,536	--	--	--	--	--	--	--	--	--	--
-Baltimore	1,366	1,598	1,485	1,574	1,666	1,224	1,444	1,354	1,445	1,536	--	--	--	--	--	--	--	--	--	--
Total	2,423	2,915	2,774	2,994	3,210	1,944	2,286	2,142	2,284	2,425	--	--	--	--	--	--	--	--	--	--
Pennsylvania																				
Metro Philadel.	3,152	3,997	4,765	5,236	5,819	26	26	27	28	28	--	--	--	--	--	--	--	--	--	--
-Metro Phila.	3,152	3,997	4,765	5,236	5,819	26	26	27	28	28	--	--	--	--	--	--	--	--	--	--
N.E. Pa. - Upper Vly.	258	294	316	339	363	244	278	299	321	343	--	--	--	--	--	--	--	--	--	--
N.W. Pa. - Youngstown	--	--	--	--	--	781	886	954	1,022	1,093	353	400	431	461	494	--	--	--	--	--
-Erie	--	--	--	--	--	--	--	--	--	--	353	400	431	461	494	--	--	--	--	--
Central Pa.	111	127	137	147	157	152	172	185	199	212	--	--	--	--	--	--	--	--	--	--
-Johnstown	100	114	123	132	141	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S. Central Pa.	760	862	929	995	1,065	504	572	616	660	706	94	106	114	122	131	--	--	--	--	--
-Harrisburg	391	444	478	512	548	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Lancaster	137	156	168	180	193	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-York	--	--	--	--	--	--	--	--	--	--	94	106	114	122	131	--	--	--	--	--
S.W. Pa.	2,149	3,055	3,243	3,430	3,626	1,157	1,311	1,411	1,511	1,615	62	70	76	81	87	--	--	--	--	--
-Allegheny County	483	548	590	632	676	167	186	200	213	227	62	70	76	81	87	--	--	--	--	--
-Beaver Vly.	885	1,620	1,698	1,775	1,856	280	318	342	367	392	--	--	--	--	--	--	--	--	--	--
-Monongahela Vly.	781	887	955	1,023	1,094	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	6,430	8,335	9,390	10,147	11,030	2,864	3,245	3,492	3,741	3,997	509	576	621	664	712	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region III																				
-Continued-																				
Virginia																				
Central Va.	1,453	1,685	1,896	1,939	1,984	99	115	125	128	131	267	309	353	360	369	--	--	--	--	--
-Lynchburg	415	481	522	534	547	99	115	125	128	131	--	--	--	--	--	--	--	--	--	--
Hampton Roads	155	179	196	205	213	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Hampton-Newport News	155	179	196	205	213	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
State Capitol	2,157	2,793	2,856	2,919	2,985	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Petersburg-Col. Hts.-Hopewell	2,157	2,793	2,856	2,919	2,985	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Valley of Va.	182	206	223	231	240	598	623	647	663	681	495	699	805	897	953	--	--	--	--	--
Total	3,947	4,863	5,171	5,294	5,422	697	738	772	791	812	762	1,008	1,158	1,257	1,322	--	--	--	--	--
West Virginia																				
Huntington-Ashland-Portsmouth-Ironton	--	--	--	--	--	89	65	86	106	133	--	--	--	--	--	--	--	--	--	--
Parkersburg-Marietta	579	425	562	698	868	284	208	276	343	426	--	--	--	--	--	--	--	--	--	--
Steubenville-Weirton-Wheeling	10	7	10	12	15	110	80	106	132	164	--	--	--	--	--	--	--	--	--	--
Kanawha Vly.	--	--	--	--	--	--	--	--	--	--	376	249	357	464	599	--	--	--	--	--
S.W. Va.	--	--	--	--	--	--	--	--	--	--	42	31	41	51	63	--	--	--	--	--
Total	589	432	572	710	883	483	353	468	581	723	418	280	398	515	662	--	--	--	--	--
Total Region III	13,699	16,862	18,231	19,476	20,883	5,988	6,622	6,874	7,397	7,957	1,689	1,864	2,177	2,436	2,696	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State	AQCR -AQMA	Alternative Fuels																			
		Residual Oil					Distillate Oil					Coal					Other				
		1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region IV																					
Alabama																					
Alabama & Tombigbee																					
Rivers	760	978	910	1,207	1,564	385	491	457	608	742	--	--	--	--	--	--	--	--	--	--	--
Columbus (Ga) -																					
Phenix City	1,453	1,881	1,751	2,314	2,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E. Ala.	680	922	885	1,187	1,524	250	307	291	371	443	--	--	--	--	--	--	--	--	--	--	--
-Gadsden	576	789	761	1,021	1,322	48	49	50	51	52	--	--	--	--	--	--	--	--	--	--	--
Metro Birming-																					
ham	881	1,087	994	1,325	1,566	--	--	--	--	--	3,560	4,795	4,645	6,136	7,861	--	--	--	--	--	--
-Birmingham	881	1,087	994	1,325	1,566	--	--	--	--	--	2,980	4,079	3,991	5,264	6,830	--	--	--	--	--	--
Mobile-Pensacola-																					
Panama City-																					
S.MI.	3,929	6,089	8,262	8,447	8,638	--	--	--	--	--	31	48	65	66	68	--	--	--	--	--	--
-Mobile	3,151	4,883	6,626	6,774	6,927	--	--	--	--	--	31	48	65	66	68	--	--	--	--	--	--
Tenn. R. Vly.-																					
Cumberland Mts.	2,183	4,435	4,770	5,021	5,277	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	9,886	15,392	17,572	19,501	21,369	635	798	748	979	1,185	3,591	4,843	4,710	6,202	7,929	--	--	--	--	--	--
Florida																					
Mobile-Pensacola-																					
Panama City-																					
S.MI.	4,962	5,135	5,552	5,716	5,970	934	1,824	3,052	3,120	3,190	--	--	--	--	--	--	--	--	--	--	--
Jacksonville-																					
Brunswick	709	603	627	650	694	675	573	596	618	659	--	--	--	--	--	--	--	--	--	--	--
S.E. Fla.	2,137	1,981	2,042	2,105	2,200	--	--	--	--	--	--	--	--	--	--	--	136	116	120	125	133
W. Central Fla.	1,064	1,003	1,033	1,064	1,110	253	196	204	211	232	--	--	--	--	--	--	--	--	--	--	--
-Lakeland-																					
Winter Haven	1,064	1,003	1,033	1,064	1,110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Tampa-St.																					
Petersburg	--	--	--	--	--	253	196	204	211	232	--	--	--	--	--	--	--	--	--	--	--
Total	8,872	8,722	9,254	9,535	9,974	1,862	2,593	3,852	3,949	4,081	--	--	--	--	--	--	136	116	120	125	133
Kentucky																					
Paducah-Cairo	53	66	75	82	91	1,373	1,728	1,960	2,149	2,387	205	258	293	321	356	--	--	--	--	--	--
Evansville-Owens-																					
boro-Henderson	683	861	977	1,072	1,190	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Louisville	323	405	460	503	560	470	593	672	736	817	--	--	--	--	--	--	--	--	--	--	--
-Louisville	323	405	460	503	560	470	593	672	736	817	78	99	111	123	136	--	--	--	--	--	--
Metro Cincinnati	--	--	--	--	--	--	--	--	--	--	78	99	111	123	136	--	--	--	--	--	--
Bluegrass	--	--	--	--	--	236	296	336	368	409	272	342	388	425	472	--	--	--	--	--	--
Huntington-Ashland-																					
Portsmouth-Ironton	542	682	774	849	941	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	1,601	2,014	2,286	2,506	2,782	2,079	2,617	2,968	3,253	3,613	555	699	792	869	964	--	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MPBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region IV (cont'd)																				
Georgia																				
Jacksonville-																				
Brunswick	40	108	101	152	222	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Augusta-Aiken	172	456	428	640	936	77	203	190	285	416	--	--	--	--	--	--	--	--	--	--
Central GA	--	--	--	--	--	19	49	46	69	101	153	406	381	570	834	--	--	--	--	--
Chattanooga	--	--	--	--	--	--	--	--	--	--	119	313	295	440	643	--	--	--	--	--
Metro Atlanta	7	19	17	27	39	--	--	--	--	--	80	211	199	296	434	--	--	--	--	--
-Atlanta	--	--	--	--	--	--	--	--	--	--	80	211	199	296	434	--	--	--	--	--
N.E. Ga.	16	43	41	61	89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Savannah-Beau-																				
fort	2,319	3,604	2,786	3,974	5,163	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Savannah	2,248	3,415	2,608	3,708	4,774	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S.W. Ga.	624	900	672	945	1,190	32	85	80	120	175	--	--	--	--	--	--	--	--	--	--
-Albany	3	4	3	4	6	32	85	80	120	175	--	--	--	--	--	--	--	--	--	--
Total	3,178	5,130	4,045	5,799	7,639	128	337	316	474	692	352	930	875	1,306	1,911	--	--	--	--	--
Mississippi																				
Mobile-Pensacola-																				
Panama City,																				
S.MI	3,787	5,841	7,822	8,074	8,487	1,364	2,066	2,595	2,794	3,283	--	--	--	--	--	318	466	517	608	860
Mississippi																				
Delta	207	298	339	395	552	416	574	649	744	1,020	--	--	--	--	--	--	--	--	--	--
Total	3,994	6,139	8,161	8,469	9,039	1,780	2,640	3,244	3,538	4,303	--	--	--	--	--	318	466	517	608	860
North Carolina																				
N. Piedmont	1,061	1,275	1,481	1,512	1,547	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Greensboro	348	418	486	496	507	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E. Piedmont	397	478	556	567	580	34	37	70	114	145	447	538	624	638	653	--	--	--	--	--
Metro Charlotte	554	668	775	792	809	--	--	--	--	--	289	382	403	412	422	--	--	--	--	--
-Charlotte	19	24	28	29	29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sandhills	396	477	554	566	579	292	323	615	997	1,258	--	--	--	--	--	--	--	--	--	--
S. Coastal Plain	1,619	1,917	2,259	2,309	2,360	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W. Mountain	2,594	3,109	3,605	3,685	3,769	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	6,621	7,924	9,230	9,431	9,644	326	360	685	1,111	1,403	736	920	1,027	1,050	1,075	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980
(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region IV																				
-Continued-																				
South Carolina																				
Augusta-Aiken	747	1,205	1,089	1,236	1,694	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Savannah-Beaufort	55	95	91	105	146	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metro Charlotte	330	577	564	651	904	--	--	--	--	--	202	362	360	417	582	--	--	--	--	--
Camden-Sumter	31	41	29	30	38	--	--	--	--	--	147	263	262	303	423	--	--	--	--	--
Charleston	732	1,167	1,033	1,170	1,599	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Charleston	34	62	61	71	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Columbia	146	262	260	301	421	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Florence	302	521	507	581	805	191	335	330	382	532	--	--	--	--	--	--	--	--	--	--
Greenville-Spartan-																				
burg	260	413	364	409	558	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Greenville	13	22	21	24	33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Greenwood	--	--	--	--	--	4	5	5	7	8	--	--	--	--	--	--	--	--	--	--
Total	2,603	4,281	3,937	4,483	6,165	195	340	335	389	540	349	625	622	720	1,005	--	--	--	--	--
Tennessee																				
Metro Memphis	4,903	5,557	6,105	6,271	6,448	3,867	4,559	4,856	5,169	5,513	--	--	--	--	--	--	--	--	--	--
Chattanooga	502	606	633	675	720	361	559	611	696	792	21	33	36	41	47	--	--	--	--	--
-Chattanooga	502	606	633	675	720	361	559	611	696	792	21	33	36	41	47	--	--	--	--	--
E. Tenn.	4,314	5,037	5,578	5,787	6,011	659	994	1,083	1,225	1,391	1,972	2,627	3,025	3,220	3,444	--	--	--	--	--
Middle Tenn.	--	--	--	--	--	364	656	753	871	1,037	847	1,310	1,431	1,631	1,855	--	--	--	--	--
-Nashville	--	--	--	--	--	--	--	--	--	--	847	1,310	1,431	1,631	1,855	--	--	--	--	--
W. Tenn.	236	425	488	565	672	459	515	565	578	591	--	--	--	--	--	--	--	--	--	--
Total	9,955	11,625	12,804	13,298	13,851	5,710	7,283	7,868	8,539	9,324	2,840	3,970	4,492	4,892	5,346	--	--	--	--	--
Total Region IV	46,710	61,227	67,289	73,022	80,463	12,715	16,968	20,016	22,232	25,141	8,423	11,987	12,518	15,039	18,230	454	582	637	733	993

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region V																				
Illinois																				
Burlington-Keokuk	136	201	334	444	522	--	--	--	--	--	64	95	149	218	257	--	--	--	--	--
-Peoria	3	21	139	203	239	--	--	--	--	--	64	95	149	218	257	--	--	--	--	--
E. Central Ill.	151	225	351	513	604	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metro Chicago	1,093	2,147	6,775	9,921	11,668	54	180	1,020	1,398	1,616	640	1,308	4,379	6,408	7,538	285	555	773	950	1,139
-IL-IN-WI	1,093	2,147	6,775	9,921	11,668	54	180	1,020	1,398	1,616	640	1,308	4,379	6,408	7,538	41	99	148	188	231
Metro Dubuque	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	260	483	665	810	965
Metro Quad Cities	218	548	2,311	3,382	3,978	--	--	--	--	--	6	52	354	518	610	--	--	--	--	--
Metro St. Louis	904	1,675	4,166	5,461	6,197	--	--	211	452	582	6	47	355	507	590	--	--	--	--	--
-St. Louis	904	1,675	4,166	5,461	6,197	--	--	211	452	582	6	47	355	507	590	--	--	--	--	--
N. Central Ill.	244	441	1,000	1,442	1,702	49	90	264	386	454	23	38	90	131	154	--	--	--	--	--
Paducah-Cairo	--	--	--	--	--	3	6	7	8	10	--	--	--	--	--	--	--	--	--	--
S.E. Ill.	196	301	550	805	947	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W. Central Ill.	1,150	1,679	2,489	3,552	4,177	98	167	393	575	676	--	--	--	--	--	--	--	--	--	--
-Decatur	1,150	1,679	2,489	3,552	4,177	98	167	393	575	676	--	--	--	--	--	--	--	--	--	--
Total	4,092	7,217	17,976	25,520	29,795	204	443	1,895	2,819	3,338	739	1,540	5,327	7,782	9,149	545	1,040	1,438	1,760	2,104
Indiana																				
Metro Chicago	1,686	5,824	12,097	15,819	19,611	12	40	84	110	137	748	2,587	5,392	7,057	8,745	--	--	--	--	--
-IL-IN-WI	1,686	5,824	12,097	15,819	19,611	12	40	84	110	137	748	2,587	5,392	7,057	8,745	--	--	--	--	--
E. Central Ind.	182	217	300	369	441	--	--	--	--	--	175	190	243	295	349	--	--	--	--	--
Evansville-Owensboro-Henderson	--	--	--	--	--	324	485	581	679	777	--	--	--	--	--	24	36	44	51	57
Louisville	--	--	--	--	--	184	275	330	388	440	18	27	33	39	43	--	--	--	--	--
-Louisville	--	--	--	--	--	184	275	330	388	440	18	27	33	39	43	--	--	--	--	--
Metro Cincinnati	--	--	--	--	--	69	75	85	94	104	99	108	121	134	148	--	--	--	--	--
Metro Indianapolis	60	64	81	98	116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Indianapolis	60	64	81	98	116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S. Bend-Elkhart-Benton Harbor	47	125	261	342	424	--	--	--	--	--	17	56	117	154	189	--	--	--	--	--
S. Ind.	--	--	--	--	--	--	--	--	--	--	272	407	488	570	653	--	--	--	--	--
Wabash Vly.	28	98	202	265	328	305	457	551	641	736	32	48	58	67	77	--	--	--	--	--
Total	2,003	6,328	12,941	16,893	20,920	894	1,332	1,631	1,912	2,194	1,361	3,423	6,452	8,316	10,204	24	36	44	51	57

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	AQCR					AQCR					AQCR					AQCR				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
-AQMA	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
EPA Region V -continued-																				
Michigan																				
Central MI	366	595	798	923	1,025	90	137	185	218	243	223	467	605	683	745	--	--	--	--	--
Metro Detroit-																				
Port Huron	2,188	5,026	6,470	7,228	7,832	1,005	2,402	3,078	3,433	3,707	2,712	6,471	8,300	9,248	9,998	--	--	--	--	--
-Detroit	2,188	5,026	6,470	7,228	7,832	1,005	2,402	3,078	3,433	3,707	2,712	6,471	8,300	9,248	9,998	--	--	--	--	--
S. Central MI	1,170	1,093	1,586	1,992	2,316	--	--	--	--	--	429	405	583	732	850	--	--	--	--	--
Upper MI	--	--	--	--	--	479	587	1,079	1,475	1,827	310	743	953	1,062	1,148	--	--	--	--	--
Total	3,724	6,714	8,854	10,143	11,173	1,574	3,126	4,342	5,126	5,777	3,674	8,086	10,441	11,725	12,741	--	--	--	--	--
Minnesota																				
Central MN	--	--	--	--	--	--	--	--	--	--	34	58	101	153	165	--	--	--	--	--
S.E. MN-La																				
Crosse	511	775	906	1,025	1,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Duluth-Superior	506	848	1,486	2,252	2,428	230	385	675	1,024	1,105	--	--	--	--	--	--	--	--	--	--
Minneapolis-St.																				
Paul	519	836	1,268	1,770	1,908	65	100	120	141	151	124	187	214	236	254	--	--	--	--	--
-Minneapolis-																				
St. Paul	519	836	1,268	1,770	1,908	65	100	120	141	151	124	187	214	236	254	--	--	--	--	--
N.W. MN	--	--	--	--	--	--	--	--	--	--	70	117	207	313	338	--	--	--	--	--
S.W. MN	101	154	181	205	220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	1,637	2,613	3,841	5,252	5,656	295	485	795	1,165	1,256	228	362	522	702	757	--	--	--	--	--
Ohio																				
Metro Cincinnati	9,206	10,658	10,441	11,082	11,812	372	430	412	438	468	304	349	311	332	360	--	--	--	--	--
-Cincinnati	9,206	10,658	10,441	11,082	11,812	372	430	412	438	468	304	349	311	332	360	--	--	--	--	--
Huntington-Ash-																				
land-Portsmouth-																				
Ironton	--	--	--	--	--	775	890	817	875	940	1,403	1,614	1,481	1,584	1,702	--	--	--	--	--
Metro Toledo	2,495	2,882	2,742	2,925	3,123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Toledo	2,495	2,882	2,742	2,925	3,123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dayton	20	22	21	22	23	590	689	712	750	793	246	285	285	302	321	--	--	--	--	--
-Dayton	20	22	21	22	23	590	689	712	750	793	246	285	285	302	321	--	--	--	--	--
Greater Metro																				
Cleveland	342	225	152	137	225	910	600	405	368	601	328	335	343	350	358	--	--	--	--	--
-Akron-Canton	--	--	--	--	--	798	526	355	323	526	--	--	--	--	--	--	--	--	--	--
-Cleveland	342	225	152	137	225	112	74	50	45	75	328	335	343	350	358	--	--	--	--	--
Mansfield-Marion	129	132	135	137	141	86	98	85	91	99	--	--	--	--	--	--	--	--	--	--
-Mansfield	129	132	135	137	141	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metro Columbus	345	393	389	413	441	1,315	1,572	1,970	2,031	2,094	--	--	--	--	--	--	--	--	--	--
-Columbus	345	393	389	413	441	1,233	1,477	1,875	1,930	1,987	--	--	--	--	--	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region V -continued-																				
Ohio																				
N.W. Ohio	420	277	187	170	277	1,356	894	604	548	894	--	--	--	--	--	--	--	--	--	--
N.W. PA-Youngs-																				
town	964	635	429	390	635	--	--	--	--	--	558	332	167	136	189	--	--	--	--	--
-Youngstown	964	635	429	390	635	--	--	--	--	--	558	332	167	136	189	--	--	--	--	--
Parkersburg-Marietta	87	57	39	35	57	--	--	--	--	--	80	92	85	91	97	--	--	--	--	--
Sandusky	144	152	154	159	164	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Steubenville-Weirton-																				
Wheeling	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Steubenville	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zanesville-																				
Cambridge	--	--	--	--	--	837	972	972	1,028	1,091	32	21	14	13	21	--	--	--	--	--
Total	14,152	15,433	14,689	15,470	16,898	6,241	6,145	5,977	6,129	6,980	2,951	3,028	2,686	2,808	3,048	--	--	--	--	--
Wisconsin																				
Rockford-Janesville-																				
Beloit	--	--	--	--	--	9	107	133	153	184	2	26	33	38	46	--	--	--	--	--
S.E. MN-La																				
Crosse	4	50	64	75	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lake Michigan	138	1,716	2,159	2,477	3,075	83	1,014	1,273	1,463	1,761	32	396	498	572	689	--	--	--	--	--
-Lake Michigan	120	1,487	1,871	2,147	2,677	77	938	1,177	1,353	1,629	32	396	498	572	689	--	--	--	--	--
N. Central WI	65	787	987	1,135	1,366	19	233	293	336	406	--	--	--	--	--	--	--	--	--	--
S.E. WI	10	120	151	173	208	76	941	1,182	1,360	1,637	--	--	--	--	--	--	--	--	--	--
-IL-IN-WI	10	120	151	173	208	76	941	1,182	1,360	1,637	--	--	--	--	--	--	--	--	--	--
S. WI	--	--	--	--	--	54	663	832	957	1,153	11	146	184	211	254	--	--	--	--	--
Total	217	2,673	3,361	3,860	4,739	241	2,958	3,713	4,269	5,141	45	568	715	821	989	--	--	--	--	--
Total Region V	25,825	40,978	61,662	77,138	89,181	9,449	14,489	18,353	21,420	24,686	8,998	17,007	26,143	32,154	36,888	569	1,076	1,482	1,811	2,161

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region VI																				
Arkansas																				
Central AR	4,158	4,635	5,158	5,680	6,225	82	91	102	112	122	--	--	--	--	--	--	--	--	--	--
-Little Rock	3,338	3,721	4,141	4,561	4,998	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metro Fort Smith	--	--	--	--	--	68	76	85	94	102	--	--	--	--	--	--	--	--	--	--
Monroe-El																				
Dorado	1,716	1,992	2,564	2,657	2,753	443	494	550	605	663	--	--	--	--	--	--	--	--	--	--
N.E. AR	--	--	--	--	--	866	966	1,074	1,182	1,296	--	--	--	--	--	--	--	--	--	--
Shreveport-																				
Texarkana-																				
Tyler	977	1,089	1,212	1,334	1,462	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	6,851	7,716	8,934	9,671	10,440	1,459	1,627	1,811	1,993	2,183	--	--	--	--	--	--	--	--	--	--
Louisiana																				
Monroe-El																				
Dorado	1,113	1,241	1,381	1,521	1,667	--	--	--	195	399	--	--	--	--	--	--	--	--	--	--
Shreveport-																				
Texarkana-																				
Tyler	2,162	3,346	4,537	4,638	4,744	--	--	--	140	287	--	--	--	--	--	--	--	--	--	--
-Shreveport	2,016	3,125	4,241	4,335	4,434	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S. LA - S.E. TX	1,588	2,461	3,339	4,432	5,571	1,700	2,550	3,400	5,293	7,267	--	--	--	--	--	46	72	99	101	103
Total	4,863	7,048	9,257	10,591	11,982	1,700	2,550	3,400	5,628	7,953	--	--	--	--	--	46	72	99	101	103
New Mexico																				
AZ-MM-S. Border	991	1,468	1,949	1,992	2,038	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Albuquerque-Mid																				
Rio Grande	5	116	169	206	197	6	136	197	241	229	--	--	--	--	--	--	--	--	--	--
-Albuquerque	5	116	169	206	197	1	19	27	33	31	--	--	--	--	--	--	--	--	--	--
Total	996	1,584	2,118	2,198	2,235	6	136	197	241	229	--	--	--	--	--	--	--	--	--	--
Oklahoma																				
Metro Fort Smith	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Shreveport-Texa-																				
kana-Tyler	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Central OK	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Central OK	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N. Central OK	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N.E. OK	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Tulsa	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N.W. OK	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S.E. OK	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S.W. OK	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980
(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region VI -Continued-																				
Texas																				
Shreveport-																				
Texarkana-																				
Tyler	--	--	1,138	2,665	4,458	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S. LA-S.E.																				
TX	--	--	173	1,441	2,011	--	--	3,369	12,723	26,463	--	--	--	--	--	--	--	--	--	--
-Beaumont	--	--	173	1,441	2,011	--	--	3,229	12,395	25,913	--	--	--	--	--	--	--	--	--	--
El Paso-Las																				
Cruces	--	--	--	--	107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-El Paso	--	--	--	--	107	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Abilene-Wichita																				
Falls	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Amarillo-																				
Lubbock	--	--	746	2,519	4,647	--	--	564	1,318	2,206	--	--	--	--	--	--	--	--	--	--
Austin-																				
Waco	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Brownsville-																				
Laredo	--	--	--	--	--	--	--	192	449	752	--	--	--	--	--	--	--	--	--	--
Corpus Christi-																				
Victoria	--	--	2,842	7,034	12,121	--	--	109	255	430	--	--	--	--	--	--	--	--	--	--
-Corpus																				
Christi	--	--	2,379	5,788	9,956	--	--	109	255	425	--	--	--	--	--	--	--	--	--	--
Metro Dallas-																				
Fort Worth	--	--	--	80	181	--	--	80	187	311	--	--	--	--	--	--	--	--	--	--
-Dallas-Fort																				
Worth	--	--	--	80	181	--	--	80	187	311	--	--	--	--	--	--	--	--	--	--
Metro Houston-																				
Galveston	--	--	981	3,908	8,134	--	--	6,192	17,107	32,189	--	--	--	--	--	--	--	--	--	--
-Galveston	--	--	--	--	--	--	--	725	2,914	6,544	--	--	--	--	--	--	--	--	--	--
-Houston	--	--	434	2,117	4,180	--	--	5,467	14,193	25,645	--	--	--	--	--	--	--	--	--	--
Metro San																				
Antonio	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-San																				
Antonio	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Midland-Odessa-																				
San Angelo	--	--	153	466	990	--	--	323	757	1,264	--	--	--	--	--	--	--	--	--	--
Total	--	--	6,033	18,113	32,649	--	--	10,829	32,796	63,615	--	--	--	--	--	--	--	--	--	--
Total Region VI	12,710	16,348	26,342	40,573	57,306	3,165	4,313	16,237	40,658	73,980	--	--	--	--	--	46	72	99	101	103

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels															Other				
	Residual Oil					Distillate Oil					Coal									
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region VII																				
Iowa																				
Burlington-Keokuk	--	--	--	--	--	336	748	971	951	1,188	--	--	--	--	--	--	--	--	--	--
Metro Dubuque	--	--	--	--	--	--	--	--	--	--	151	357	471	474	589	--	--	--	--	--
-Dubuque	--	--	--	--	--	--	--	--	--	--	151	357	471	474	589	--	--	--	--	--
Metro Quad Cities	--	--	--	--	--	--	--	--	--	--	360	850	1,123	1,129	1,405	--	--	--	--	--
-Davenport	--	--	--	--	--	--	--	--	--	--	65	154	203	204	255	--	--	--	--	--
Metro Sioux City	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N.E. IA	294	693	916	921	1,145	172	406	536	539	670	400	942	1,242	1,250	1,554	--	--	--	--	--
-Cedar Rapids	294	693	916	921	1,145	172	406	536	539	670	--	--	--	--	--	--	--	--	--	--
-Waterloo	--	--	--	--	--	--	--	--	--	--	400	942	1,242	1,250	1,554	--	--	--	--	--
N. Central IA	--	--	--	--	--	--	--	--	--	--	198	467	617	620	771	--	--	--	--	--
S. Central IA	161	753	997	1,002	1,246	85	200	264	265	331	371	875	1,154	1,160	1,443	--	--	--	--	--
-Des Moines	75	550	727	731	909	85	200	264	265	331	371	875	1,154	1,160	1,443	--	--	--	--	--
Total	455	1,446	1,913	1,923	2,391	593	1,354	1,771	1,755	2,189	1,480	3,491	4,607	4,633	5,762	--	--	--	--	--
Kansas																				
Metro Kansas City	1,439	1,914	2,276	2,559	2,950	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Kansas City	1,439	1,914	2,276	2,559	2,950	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N.E. KS	116	161	194	221	254	44	60	73	83	95	--	--	--	--	--	--	--	--	--	--
N. Central Kansas	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N.W. KS	346	483	590	676	786	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S.E. KS	--	--	--	--	--	--	--	--	--	--	1,312	1,803	2,182	2,477	2,854	--	--	--	--	--
S. Central KS	2,224	3,060	3,699	4,203	4,850	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	4,125	5,618	6,759	7,659	8,840	44	60	73	83	95	1,312	1,803	2,182	2,477	2,854	--	--	--	--	--
Missouri																				
Metro St. Louis	504	595	791	912	1,037	107	129	173	201	229	226	272	364	422	484	--	--	--	--	--
-St. Louis	504	595	791	912	1,037	107	129	173	201	229	226	272	364	422	484	--	--	--	--	--
Metro Kansas City	1,494	1,786	2,391	2,775	3,163	--	--	--	--	--	363	436	585	679	776	--	--	--	--	--
-Kansas City	1,494	1,786	2,391	2,775	3,163	--	--	--	--	--	363	436	585	679	776	--	--	--	--	--
N. MO	111	134	179	209	238	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S.E. MO	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S.W. MO	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	2,109	2,515	3,361	3,896	4,438	107	129	173	201	229	589	708	949	1,101	1,260	--	--	--	--	--
Nebraska																				
Omaha-Council Bluffs	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Omaha Council Bluffs	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lincoln-Beatrice-Fairbury	--	--	--	--	--	29	103	124	145	167	--	--	--	--	--	--	--	--	--	--
NEB Intrastate	--	--	--	--	--	215	750	905	1,061	1,219	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	244	853	1,029	1,206	1,386	--	--	--	--	--	--	--	--	--	--
Total Region VII	6,689	9,579	12,033	13,478	15,669	988	2,396	3,046	3,245	3,899	3,381	6,002	7,738	8,211	9,876	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels															Other				
	Residual Oil					Distillate Oil					Coal									
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region VIII																				
Colorado																				
Metro Denver	--	209	438	669	906	--	74	155	236	320	--	--	--	--	--	--	--	--	--	--
-Metro Denver	--	209	438	669	906	--	74	155	236	320	--	--	--	--	--	--	--	--	--	--
Pawnee	--	149	305	458	614	--	13	27	42	57	--	--	--	--	--	--	--	--	--	--
-N. Central CO	--	9	20	30	40	--	13	27	42	57	--	--	--	--	--	--	--	--	--	--
San Isabel	--	--	--	--	--	--	--	--	--	--	--	654	1,049	1,444	1,844	--	--	--	--	--
-COLORADO																				
Springs	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Pueblo	--	--	--	--	--	--	--	--	--	--	--	654	1,049	1,444	1,844	--	--	--	--	--
Total	--	358	743	1,127	1,520	--	87	182	278	377	--	654	1,049	1,444	1,844	--	--	--	--	--
Montana																				
Billings	1,169	1,216	1,268	1,319	1,372	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Billings	1,169	1,216	1,268	1,319	1,372	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Great Falls	--	--	--	--	--	115	157	161	166	171	--	--	--	--	--	--	--	--	--	--
Helena	1,088	1,489	1,532	1,576	1,622	4,154	5,685	5,852	6,020	6,193	--	--	--	--	--	--	--	--	--	--
-Anaconda-																				
Butte	--	--	--	--	--	4,154	5,685	5,852	6,020	6,193	--	--	--	--	--	--	--	--	--	--
-Helena	1,088	1,489	1,532	1,576	1,622	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Miles City	324	338	353	368	384	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Missoula	740	1,013	1,043	1,073	1,104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Missoula	740	1,013	1,043	1,073	1,104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	3,321	4,056	4,196	4,336	4,482	4,269	5,842	6,013	6,186	6,364	--	--	--	--	--	--	--	--	--	--
North Dakota																				
N.D. Intrastate	418	436	455	475	495	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	418	436	455	475	495	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota																				
Metro Sioux																				
Falls	450	537	589	603	618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Sioux Falls	450	537	589	603	618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	450	537	589	603	618	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
EPA Region VIII -continued-																				
Utah																				
UT (except Wasatch and Four Corners Area)	--	--	--	--	--	146	--	--	120	268	--	--	--	--	--	--	--	--	--	--
-N Central UT	--	--	--	--	--	138	--	--	113	252	--	--	--	--	--	--	--	--	--	--
Wasatch Front	35	--	--	28	62	1,795	--	--	1,476	3,295	--	--	--	--	--	--	--	--	--	--
-Salt Lake City	35	--	--	28	62	956	--	--	787	1,757	--	--	--	--	--	--	--	--	--	--
-Provo	--	--	--	--	--	839	--	--	689	1,538	--	--	--	--	--	--	--	--	--	--
Total	35	--	--	28	62	1,941	--	--	1,596	3,563	--	--	--	--	--	--	--	--	--	--
Wyoming																				
Casper	--	263	470	544	621	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metro Cheyenne	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WY (Remaining Area)	1,716	822	1,679	3,236	4,650	--	138	413	619	709	--	--	--	--	--	--	--	--	--	--
-Sweetwater	1,336	--	--	1,098	2,452	--	--	--	63	140	--	--	--	--	--	--	--	--	--	--
Total	1,716	1,085	2,149	3,780	5,271	--	138	413	619	709	--	--	--	--	--	--	--	--	--	--
Total Region VIII	5,940	6,472	8,132	10,349	12,448	6,210	6,067	6,608	8,679	11,013	--	654	1,049	1,444	1,844	--	--	--	--	--

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980
(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976 (1)	1977 (2)	1978 (3)	1979 (4)	1980 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1976 (11)	1977 (12)	1978 (13)	1979 (14)	1980 (15)	1976 (16)	1977 (17)	1978 (18)	1979 (19)	1980 (20)
EPA Region IX																				
Arizona																				
AZ-NM-S. Border	2,534	3,379	4,663	5,424	5,674	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Four Corners	--	--	--	--	--	1,084	1,489	1,897	1,939	1,983	442	547	777	903	945	--	--	--	--	--
Phoenix-Tucson	2,481	2,920	3,366	3,567	3,672	1,756	2,785	4,300	5,003	5,235	--	--	--	--	--	--	--	--	--	--
-Phoenix	422	579	737	754	771	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Tucson	1,392	1,660	1,932	2,101	2,173	--	219	575	669	700	--	--	--	--	--	--	--	--	--	--
Total	5,015	6,299	8,029	8,991	9,346	2,840	4,274	6,197	6,942	7,218	442	547	777	903	945	--	--	--	--	--
California																				
Metro Los Angeles	1,645	11,311	15,137	29,157	29,036	1,194	8,190	10,992	13,591	13,526	--	--	--	--	--	--	58	204	233	231
-S. Coast	1,645	11,311	15,137	29,157	29,036	1,194	8,190	10,992	13,591	13,526	--	--	--	--	--	--	58	204	233	231
N. Central Coast	263	418	649	848	1,020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sacramento Vly.	339	541	840	1,098	1,321	65	105	162	213	256	--	--	--	--	--	--	--	--	--	--
-Sacramento Vly.	123	196	304	398	479	55	89	137	180	216	--	--	--	--	--	--	--	--	--	--
San Diego	--	--	--	--	--	--	19	48	56	57	--	--	--	--	--	--	--	--	--	--
-San Diego	--	--	--	--	--	--	19	48	56	57	--	--	--	--	--	--	--	--	--	--
San Francisco Bay	1,967	3,123	4,853	6,325	7,617	549	870	1,352	1,762	2,124	--	--	--	--	--	--	--	--	--	--
-San Francisco Bay	1,967	3,123	4,853	6,325	7,617	549	870	1,352	1,762	2,124	--	--	--	--	--	--	--	--	--	--
San Joaquin Vly.	723	1,147	1,785	2,331	2,805	382	680	999	1,271	1,510	401	2,355	2,357	2,357	2,348	22	34	53	70	84
-Fresno Cnty.	157	250	388	507	610	249	395	614	801	965	--	--	--	--	--	--	--	--	--	--
-Kern County	42	66	103	135	162	--	--	--	--	--	401	2,355	2,357	2,357	2,348	--	--	--	--	--
-S. Joaquin & Stanislaus Counties	255	403	629	821	988	115	182	282	367	442	--	--	--	--	--	22	34	53	70	84
-Tulare Cnty.	--	--	--	--	--	18	103	103	103	103	--	--	--	--	--	--	--	--	--	--
S. Central Coast	98	578	579	579	577	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S. E. Desert	2,045	10,067	13,515	16,042	16,456	96	717	2,194	2,552	2,608	331	526	818	1,068	1,286	--	--	--	--	--
-S.E. Desert	1,364	5,938	9,086	11,556	11,988	--	--	--	--	--	331	526	818	1,068	1,286	--	--	--	--	--
Total	7,080	27,185	37,358	56,380	58,832	2,286	10,581	15,747	19,445	20,081	732	2,881	3,175	3,425	3,634	22	92	257	303	315
Nevada																				
Clark-Mohave	--	--	--	--	--	189	259	330	337	345	--	--	--	--	--	--	--	--	--	--
N.W. NV	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	189	259	330	337	345	--	--	--	--	--	--	--	--	--	--
Total Region IX	12,095	33,484	45,387	65,371	68,178	5,315	15,114	22,274	26,724	27,644	1,174	3,428	3,952	4,328	4,579	22	92	257	303	315

PROJECTED ALTERNATIVE FUEL USE AS A RESULT OF GAS SHORTAGES IN MAJOR MFBI
GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Billions of Btu's)

Region State AQCR -AQMA	Alternative Fuels																			
	Residual Oil					Distillate Oil					Coal					Other				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
EPA Region X																				
Idaho																				
E. ID	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	--	--	--	--	--
E. WA-N.ID	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ID Intrastate	--	--	--	--	--	--	--	--	2	8	--	--	--	1	4	--	--	--	--	--
Metro Boise	--	--	--	--	--	--	--	--	3	15	--	--	--	2	7	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	5	23	--	--	--	3	15	--	--	--	--	--
Oregon																				
E. OR	--	--	--	--	--	--	9	16	13	5	--	44	72	69	30	--	--	--	--	--
N.W. OR	--	50	83	82	39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Portland	1	600	992	973	459	--	4	7	6	3	--	--	--	--	--	--	--	--	--	--
-Eugene-Spring-																				
field	--	47	78	76	37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Portland-Van-																				
couver	1	140	236	226	101	--	4	7	6	3	--	--	--	--	--	--	--	--	--	--
Total	1	650	1,075	1,055	498	--	13	23	19	8	--	44	72	69	30	--	--	--	--	--
Washington																				
E. WA-N. ID	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Spokane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Portland	1,531	1,946	2,287	2,236	2,088	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-Portland-Van-																				
couver	707	907	1,071	1,056	997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Olympia-N.W. WA	735	884	1,199	917	794	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Puget Sound	992	1,270	1,500	1,475	1,391	1,785	2,291	2,716	2,681	2,539	--	--	--	--	--	--	--	--	--	--
-Puget Sound	992	1,270	1,500	1,475	1,391	1,785	2,291	2,716	2,681	2,539	--	--	--	--	--	--	--	--	--	--
S. Central WA	397	509	602	594	560	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	3,655	4,609	5,588	5,222	4,833	1,785	2,291	2,716	2,681	2,539	--	--	--	--	--	--	--	--	--	--
Total Region X	3,656	5,259	6,663	6,277	5,331	1,785	2,304	2,739	2,705	2,570	--	44	72	72	45	--	--	--	--	--

TOTAL LOWER 48 STATES

Residual Oil					Distillate Oil					Coal					Other				
1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
132,872	196,793	252,538	313,025	357,146	45,801	68,463	96,314	133,225	177,051	23,665	40,986	53,649	63,684	74,158	1,091	1,822	2,475	2,948	3,572

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES FROM
MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region I										
Connecticut										
Hartford-New Haven-Springfield	67	86	121	133	145	23	30	42	46	51
-CT	67	86	121	133	145	23	30	42	46	51
Total	67	86	121	133	145	23	30	42	46	51
Massachusetts										
Hartford-New Haven-Springfield	--	--	20	94	106	--	--	2	10	12
-Springfield	--	--	20	94	106	--	--	2	10	12
Berkshire	59	66	76	91	95	7	7	8	10	10
Central Massachusetts	228	240	254	274	283	25	26	28	30	31
-Worcester	228	240	254	274	283	25	26	28	30	31
Metro Boston	473	527	603	727	760	36	39	45	56	59
-Boston	473	527	603	727	760	36	39	45	56	59
Metro Providence	10	13	16	22	23	1	2	2	3	2
Total	770	846	969	1,208	1,267	69	74	85	109	114
Maine	--	--	--	--	--	--	--	--	--	--
New Hampshire										
Merrimack Valley -S.N.H.	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--	--
Vermont										
Champlain Valley	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--
Total Region I	837	932	1,090	1,341	1,412	92	104	127	155	165

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES
FROM MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region II										
New Jersey										
NJ-NY-CT	422	512	569	597	626	139	169	188	197	207
-NJ-NY	422	512	569	597	626	139	169	188	197	207
Metro Philadelphia	--	--	--	1	1	--	--	--	--	--
-Metro Philadelphia	--	--	--	1	1	--	--	--	--	--
NJ (remaining area)	20	60	61	62	63	6	19	19	20	20
-Ocean	20	60	61	62	63	6	19	19	20	20
N.E. PA - Upper Delaware Valley	47	49	53	56	59	19	20	21	22	24
Total	489	620	683	716	750	164	207	228	238	250
New York										
NJ-NY-CT	185	190	144	137	137	42	43	33	31	31
-NJ-NY	185	190	144	137	137	42	43	33	31	31
Genesee Finger Lakes	--	--	--	--	--	--	--	--	--	--
-Rochester	--	--	--	--	--	--	--	--	--	--
Niagara Frontier	258	283	131	95	94	22	24	11	8	8
-Niagara Frontier	258	283	131	95	94	22	24	11	8	8
Total	443	473	275	232	231	63	66	44	39	39
Total Region II	932	1,093	958	948	981	227	273	272	277	289

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES
FROM MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region III										
Delaware										
Metro Philadelphia	49	50	52	53	54	46	48	49	50	51
Total	49	50	52	53	54	46	48	49	50	51
Maryland										
Cumberland-Keyser	698	859	834	913	988	149	187	184	205	222
-Potomac River	698	859	834	913	988	149	187	184	205	222
Metro Baltimore	942	1,104	1,029	1,092	1,157	52	61	57	61	64
-Baltimore	942	1,104	1,029	1,092	1,157	52	61	57	61	64
Total	1,640	1,963	1,863	2,005	2,145	201	248	241	266	286
Pennsylvania										
Metro Philadelphia	525	664	790	867	964	358	455	542	596	662
-Metro Philadelphia	525	664	790	867	964	358	455	542	596	662
N.E. Pa. - Upper Delaware Vly.	1,004	1,144	1,230	1,320	1,412	54	61	66	71	76
N.W. Pa. - Youngstown	1,199	1,359	1,463	1,567	1,676	58	67	72	77	82
-Erie	399	452	487	521	558	24	28	30	32	34
Central Pa.	222	254	273	294	314	19	22	24	25	28
-Johnstown	126	144	155	166	178	11	12	14	14	16
S. Central Pa.	1,437	1,629	1,756	1,862	1,975	120	135	146	156	164
-Harrisburg	504	572	616	642	669	39	44	48	51	52
-Lancaster	166	189	204	218	234	13	15	16	17	18
-York	56	64	68	73	78	--	--	--	--	--
S.W. Pa.	1,447	1,929	2,055	2,180	2,310	224	282	301	320	341
-Allegheny County	263	296	320	341	365	50	56	60	64	70
-Beaver Valley	548	910	957	1,006	1,055	57	92	97	102	107
-Monongahela Valley	292	332	357	382	408	67	76	82	88	94
Total	5,834	6,979	7,567	8,090	8,651	833	1,022	1,151	1,245	1,353

Schedule III-1
Sheet 3 of 14

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES
FROM MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region III -continued-										
Virginia										
Central Va.	2,401	2,784	3,134	3,204	3,279	183	212	238	245	250
-Lynchburg	678	787	854	874	895	46	54	58	60	61
Hampton Roads	204	236	258	270	281	16	19	21	22	22
-Hampton-Newport News	204	236	258	270	281	16	19	21	22	22
State Capitol	2,847	3,687	3,770	3,853	3,940	162	210	214	219	224
-Petersburg-Colonial Hts.										
-Hopewell	2,847	3,687	3,770	3,853	3,940	162	210	214	219	224
Valley of Virginia	<u>1,684</u>	<u>2,017</u>	<u>2,211</u>	<u>2,364</u>	<u>2,474</u>	<u>88</u>	<u>104</u>	<u>114</u>	<u>122</u>	<u>127</u>
Total	7,136	8,724	9,373	9,691	9,974	449	545	587	608	623
West Virginia										
Huntington-Ashland Portsmouth-										
Ironton	142	104	138	170	213	4	3	4	5	6
Parkersburg-Marietta	1,346	988	1,308	1,624	2,020	30	22	29	36	45
Steubenville-Weirton-Wheeling	186	135	180	223	277	6	4	5	6	8
Kanawha Valley	301	199	286	371	479	17	11	16	21	27
S. W. Va.	<u>67</u>	<u>50</u>	<u>66</u>	<u>82</u>	<u>101</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>3</u>
Total	2,042	1,476	1,978	2,470	3,090	59	42	56	70	89
Total Region III	16,701	19,192	20,833	22,309	23,914	1,588	1,905	2,084	2,239	2,402

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES FROM
MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region IV										
Alabama										
Alabama & Tombigbee Rivers	2,290	2,938	2,734	3,630	4,612	72	92	86	113	144
Columbus (Ga.)-Phenix City	2,906	3,762	3,502	4,628	5,600	88	113	105	138	168
E. Alabama	1,860	2,458	2,352	3,116	3,934	64	88	85	114	146
-Gadsden	1,248	1,676	1,622	2,144	2,748	44	61	60	81	106
Metro Birmingham	4,635	6,082	5,794	7,674	9,618	142	203	203	267	358
-Birmingham	3,475	4,650	4,486	5,930	7,556	106	160	164	214	296
Mobile-Pensacola-Panama										
City- S. MI	3,564	5,524	7,494	7,662	7,835	223	345	468	479	490
-Mobile	2,864	4,438	6,022	6,156	6,295	176	262	370	378	387
Tenn. R. Valley -										
Cumberland Mts.	1,965	3,992	4,293	4,518	4,749	140	286	328	346	364
Total	16,032	24,756	26,169	31,228	36,348	729	1,127	1,275	1,457	1,670
Florida										
Mobile-Pensacola-										
Panama City - S.MI.	5,036	6,419	8,178	8,384	8,652	294	348	430	442	458
Jacksonville-Brunswick	1,903	1,617	1,682	1,744	1,860	36	30	32	32	34
S. E. Fla.	2,938	2,724	2,808	2,894	3,025	4	3	4	4	4
W. Central Florida	1,603	1,488	1,532	1,579	1,655	93	86	88	92	97
-Lakeland-Winter Haven	1,464	1,380	1,420	1,463	1,527	68	64	66	69	72
-Tampa-St. Petersburg	139	108	112	116	128	25	22	22	23	25
Total	11,480	12,248	14,200	14,601	15,192	427	467	554	570	593
Kentucky										
Paducah-Cairo	2,740	3,448	3,912	4,289	4,762	170	214	243	266	296
Evansville-Owensboro-										
Henderson	936	1,180	1,340	1,468	1,630	94	118	134	146	163
Louisville	366	460	521	571	634	97	122	138	152	170
-Louisville	366	460	521	571	634	97	122	138	152	170
Metro Cincinnati	816	1,026	1,164	1,275	1,416	--	--	--	--	--
Bluegrass	472	592	672	736	818	38	48	54	60	66
Huntington-Ashland-										
Portsmouth-Ironton	588	740	840	921	1,021	41	52	58	64	71
Total	5,918	7,446	8,449	9,260	10,281	440	554	627	688	766
Georgia										
Jacksonville-Brunswick	63	170	160	240	351	8	22	21	32	46
Augusta-Aiken	402	1,064	998	1,494	2,184	40	105	98	148	216
Central Ga.	388	1,027	964	1,442	2,111	25	66	62	92	134
Chattanooga	281	740	698	1,040	1,520	15	40	38	57	84
Metro Atlanta	196	518	482	727	1,065	2	4	4	6	8
-Atlanta	184	487	459	683	1,002	--	--	--	--	--
N.E. Ga.	26	68	65	96	140	4	10	9	14	20
Savannah-Beaufort	3,686	5,727	4,427	6,315	8,203	377	594	462	661	864
-Savannah	3,572	5,426	4,144	5,892	7,584	364	560	430	613	794
S. W. Ga.	1,043	1,570	1,200	1,701	2,182	86	124	100	136	172
-Albany	59	150	140	210	306	7	18	21	25	36
Total	6,085	10,884	8,994	13,055	17,756	557	965	794	1,146	1,544

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES FROM
MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region IV -continued-										
Mississippi										
Mobile-Pensacola-										
Panama City-S.MI.	12,283	18,862	24,872	25,930	28,033	874	1,345	1,786	1,853	1,974
Mississippi Delta	1,370	1,912	2,166	2,494	3,439	54	74	84	96	132
Total	13,653	20,774	27,038	28,424	31,472	928	1,419	1,870	1,949	2,106
North Carolina										
N. Piedmont	1,220	1,466	1,703	1,738	1,780	132	157	182	187	192
-Greensboro	400	480	559	570	584	46	54	63	64	66
E. Piedmont	1,010	1,211	1,438	1,517	1,585	90	109	126	129	132
Metro Charlotte	970	1,208	1,354	1,384	1,416	94	115	130	133	136
-Charlotte	22	28	32	34	34	2	3	4	4	4
Sandhills	790	918	1,340	1,791	2,106	30	36	42	42	44
S. Coastal Plain	1,861	2,204	2,598	2,655	2,714	742	890	1,036	1,060	1,082
W. Mountain	2,983	3,576	4,146	4,238	4,334	226	271	314	321	329
Total	8,834	10,583	12,579	13,323	13,935	1,314	1,578	1,830	1,872	1,915
South Carolina										
Augusta-Aiken	1,308	2,109	1,906	2,163	2,965	39	68	66	76	105
Savannah-Beaufort	96	166	159	184	256	16	28	28	32	44
Metro Charlotte	931	1,644	1,617	1,869	2,601	100	176	172	200	277
Camden-Sumter	311	532	510	583	806	39	65	61	70	96
Charleston	1,561	2,006	1,771	2,005	2,739	10	18	18	22	30
-Charleston	39	72	70	82	114	10	18	18	22	30
Columbia	256	458	455	527	737	29	52	52	60	84
Florence	863	1,498	1,465	1,685	2,340	56	98	95	110	152
Greenville-Spartanburg	455	722	638	716	977	58	108	78	88	120
-Greenville	23	38	37	42	58	3	6	5	6	8
Greenwood	7	9	9	12	14	1	2	2	2	2
Total	5,488	9,144	8,530	9,744	13,435	348	615	572	660	910
Tennessee										
Metro Memphis	17,441	20,131	21,818	22,773	23,811	1,366	1,501	1,627	1,662	1,700
Chattanooga	1,768	2,396	2,560	2,824	3,118	197	248	260	281	304
-Chattanooga	1,768	2,396	2,560	2,824	3,118	197	248	260	281	304
E. Tennessee	11,023	13,588	15,154	15,980	16,913	588	714	796	835	880
Middle Tennessee	2,240	3,604	3,992	4,568	5,266	253	416	464	533	618
-Nashville	1,694	2,620	2,862	3,262	3,710	156	242	265	302	343
W. Tennessee	1,390	1,880	2,106	2,286	2,526	133	166	184	196	210
Total	33,862	41,599	45,630	48,431	51,634	2,537	3,045	3,331	3,507	3,712
Total Region IV	101,352	137,434	151,589	168,066	190,053	7,280	9,770	10,853	11,849	13,216

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES FROM
MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State	AQCR -AQMA	Sulfur Dioxide					Particulates				
		1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region V											
Illinois											
Burlington-Keokuk		125	186	302	418	493	9	15	24	33	39
-Peoria		59	96	204	298	351	3	6	14	21	25
E. Central Ill.		76	112	176	256	302	8	11	18	26	30
Metro Chicago		1,130	2,278	7,482	10,938	12,862	84	170	548	798	938
-IL-IN-WI		1,130	2,278	7,482	10,938	12,862	84	170	548	798	938
Metro Dubuque		--	--	--	--	--	--	--	--	--	--
Metro Quad. Cities		127	430	2,218	3,241	3,819	12	30	136	200	236
Metro St. Louis		457	880	2,434	3,255	3,717	46	86	237	321	368
-St. Louis		457	880	2,434	3,255	3,717	46	86	237	321	368
N. Central Ill.		198	348	808	1,172	1,381	16	28	68	98	115
Paducah-Cairo		--	1	1	1	2	--	--	--	--	--
S. E. Ill.		98	150	275	402	474	10	15	28	40	48
W. Central Ill.		590	864	1,304	1,862	2,190	62	92	144	206	243
-Decatur		590	864	1,204	1,862	2,190	62	92	144	206	243
Total		2,801	5,249	15,000	21,545	25,240	247	447	1,203	1,722	2,017
Indiana											
Metro Chicago		1,737	6,000	12,477	16,319	20,243	232	867	1,770	2,306	2,852
-IL-IN-WI		1,737	6,000	12,477	16,319	20,243	232	867	1,770	2,306	2,852
E. Central Ind.		596	668	878	1,071	1,271	28	34	46	57	68
Evansville-Owensboro-											
Henderson		54	80	96	112	128	50	75	90	105	120
Louisville		88	132	160	188	210	30	44	53	62	70
-Louisville		88	132	160	188	210	30	44	53	62	70
Metro Cincinnati		195	212	238	264	292	28	30	34	37	41
Metro Indianapolis		62	66	84	102	120	8	8	10	13	15
-Indianapolis		62	66	84	102	120	8	8	10	13	15
S. Bend-Elkhart-Benton Harbor		78	225	470	617	762	16	46	94	124	153
S. Ind.		703	1,052	1,262	1,474	1,688	--	--	--	--	--
Wabash Valley		393	648	870	1,043	1,222	70	114	150	180	210
Total		3,906	9,083	16,535	21,190	25,936	462	1,218	2,247	2,884	3,529
Michigan											
Central MI		760	1,450	1,619	1,578	1,730	74	144	188	215	235
Metro Detroit - Port Huron		3,210	7,494	9,604	10,682	11,558	1,240	2,948	3,778	4,215	4,556
-Detroit		3,210	7,494	9,604	10,682	11,558	1,240	2,948	3,778	4,215	4,556
S. Central MI		1,750	1,644	2,052	2,152	2,500	152	140	204	257	298
Upper MI		778	1,422	1,766	1,690	1,989	85	161	230	278	318
Total		6,498	12,010	15,041	16,102	17,777	1,551	3,393	4,400	4,965	5,407
Minnesota											
Central MN		48	83	144	218	236	10	18	30	46	50
S. E. MN-LaCrosse		537	814	952	1,078	1,156	154	232	272	308	330
Duluth-Superior		792	1,326	2,324	3,522	3,799	218	366	640	970	1,046
Minneapolis-St. Paul		609	962	1,352	1,794	1,932	154	243	340	452	486
-Minneapolis-St. Paul		609	962	1,352	1,794	1,932	154	243	340	452	486
N. W. MN		108	180	318	482	520	21	35	62	94	102
S. W. MN		117	178	210	238	254	30	46	54	62	66
Total		2,211	3,543	5,300	7,332	7,897	587	940	1,398	1,932	2,080

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES FROM
MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region V - continued -										
Ohio										
Metro Cincinnati	7,783	9,012	8,808	9,349	9,968	514	595	580	616	656
-Cincinnati	7,783	9,012	8,808	9,349	9,968	514	595	580	616	656
Huntington-Ashland-Portsmouth-Ironton	1,076	1,237	1,135	1,215	1,306	116	133	122	130	140
Metro Toledo	1,078	1,240	1,138	1,220	1,309	128	142	141	148	156
-Toledo	1,078	1,240	1,138	1,220	1,309	128	142	141	148	156
Dayton	685	796	815	859	910	50	58	60	63	68
-Dayton	685	796	815	859	910	50	58	60	63	68
Greater Metro Cleveland	2,022	1,358	940	861	1,363	85	62	46	46	63
-Akron-Canton	1,677	1,106	746	679	1,106	43	28	18	17	28
-Cleveland	345	252	194	182	257	42	34	28	28	35
Mansfield-Marion	559	607	567	592	628	16	18	17	18	19
-Mansfield	258	264	270	274	282	10	10	10	10	10
Metro Columbus	1,183	1,403	1,704	1,762	1,826	90	106	126	131	136
-Columbus	1,148	1,362	1,664	1,720	1,780	84	100	120	124	128
N. W. Ohio	1,197	789	533	484	789	133	88	59	54	88
N. W. PA - Youngstown	346	216	129	113	180	76	48	30	26	42
-Youngstown	346	216	129	113	180	76	48	30	26	42
Parkersburg-Marietta	274	229	184	184	235	10	9	8	8	8
Sandusky	504	532	539	556	574	14	14	14	14	16
Steubenville-Weirton-Wheeling	--	--	--	--	--	--	--	--	--	--
-Steubenville	--	--	--	--	--	--	--	--	--	--
Zanesville-Cambridge	1,688	1,907	1,884	1,986	2,132	74	85	84	89	96
Total	18,395	19,326	18,376	19,181	21,220	1,306	1,358	1,287	1,342	1,489
Wisconsin										
Rockford-Janesville-Beloit	4	57	72	83	100	4	40	50	58	69
S. E. MN - La Crosse	4	50	64	74	90	1	15	19	22	27
Lake Michigan	206	2,551	3,209	3,684	4,528	46	570	716	823	1,005
-Lake Michigan	179	2,217	2,788	3,202	3,946	42	524	158	757	926
N. Central WI	68	829	1,039	1,194	1,439	25	306	384	442	532
S. E. WI	25	303	380	437	526	6	80	100	115	138
-IL-IN-WI	25	303	380	437	526	6	80	100	115	138
S. WI	26	334	420	482	580	20	243	304	350	422
Total	333	4,124	5,184	5,954	7,263	102	1,254	1,573	1,810	2,193
Total Region V	34,144	53,335	75,436	91,304	105,333	4,255	8,610	12,108	14,655	16,715

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES
FROM MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980
(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region VI										
Arkansas										
Central AR	4,008	4,468	4,972	5,475	6,000	63	70	78	86	94
-Little Rock	3,204	3,572	3,976	4,378	4,798	--	--	--	--	--
Metro Fort Smith	5	6	6	6	7	4	4	4	5	6
Monroe-El Dorado	1,683	1,952	2,506	2,600	2,696	134	154	198	206	214
N.E. AR	61	68	75	82	90	14	16	18	20	22
Shreveport-Texarkana-Tyler	932	1,038	1,156	1,272	1,394	39	43	48	52	58
Total	6,689	7,532	8,715	9,435	10,187	254	287	346	369	394
Louisiana										
Monroe-El Dorado	1,998	2,228	2,479	3,114	3,776	334	372	414	514	620
Shreveport-Texarkana-Tyler	3,886	6,014	8,154	8,609	9,086	649	1,004	1,360	1,432	1,507
-Shreveport	3,618	5,610	7,612	7,782	7,959	605	938	1,272	1,300	1,330
S. LA-S.E. TX	6,216	9,470	12,732	18,423	24,357	986	1,503	2,022	2,918	3,852
Total	12,100	17,712	23,365	30,146	37,219	1,969	2,879	3,796	4,864	5,979
New Mexico										
AZ-NM-S. Border	496	734	974	996	1,019	9	13	18	18	19
Albuquerque-Mid Rio Grande	4	81	118	144	138	--	--	--	--	--
-Albuquerque	2	61	89	108	104	--	--	--	--	--
Total	500	815	1,092	1,140	1,157	9	13	18	18	19
Oklahoma										
Metro Fort Smith	--	--	--	--	--	--	--	--	--	--
Shreveport-Texarkana-Tyler	--	--	--	--	--	--	--	--	--	--
Central OK	--	--	--	--	--	--	--	--	--	--
-Central OK	--	--	--	--	--	--	--	--	--	--
N. Central OK	--	--	--	--	--	--	--	--	--	--
N.E. OK	--	--	--	--	--	--	--	--	--	--
-Tulsa	--	--	--	--	--	--	--	--	--	--
N.W. OK	--	--	--	--	--	--	--	--	--	--
S.E. OK	--	--	--	--	--	--	--	--	--	--
S.W. OK	--	--	--	--	--	--	--	--	--	--
Total	--	--	--	--	--	--	--	--	--	--

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES FROM
MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980
(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
<u>EPA Region VI -continued-</u>										
Texas										
Shreveport-Texarkana-Tyler	--	--	450	1,052	1,761	--	--	86	200	334
S. LA-S.E. TX	--	--	454	1,894	3,588	--	--	198	803	1,590
-Beaumont	--	--	394	1,754	3,354	--	--	190	785	1,560
El Paso-Las Cruces	--	--	--	--	42	--	--	--	--	8
-El Paso	--	--	--	--	42	--	--	--	--	8
Abilene-Wichita Falls	--	--	--	--	--	--	--	--	--	--
Amarillo-Lubbock	--	--	534	1,555	2,774	--	--	83	252	454
Austin-Waco	--	--	--	--	--	--	--	--	--	--
Brownsville-Laredo	--	--	82	191	320	--	--	10	24	42
Corpus Christi-Victoria	--	--	1,168	2,886	4,970	--	--	184	462	800
-Corpus Christi	--	--	986	2,394	4,113	--	--	184	448	770
Metro Dallas-Fort Worth	--	--	34	111	204	--	--	4	16	30
-Dallas-Fort Worth	--	--	34	111	204	--	--	4	16	30
Metro Houston-Galveston	--	--	1,204	3,714	7,202	--	--	354	1,075	2,098
-Galveston	--	--	76	306	687	--	--	40	161	360
-Houston	--	--	912	2,700	4,953	--	--	274	780	1,442
Metro San Antonio	--	--	--	--	--	--	--	--	--	--
-San Antonio	--	--	--	--	--	--	--	--	--	--
Midland-Odessa-San Angelo	--	--	198	506	928	--	--	30	76	144
Total	--	--	4,124	11,909	21,789	--	--	949	2,908	5,500
 Total Region VI	19,289	26,059	37,296	52,630	70,352	2,232	3,179	5,109	8,159	11,892

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES FROM
MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region VII										
Iowa										
Burlington-Keokuk	252	561	728	713	891	134	299	388	380	475
Metro Dubuque	378	892	1,178	1,185	1,472	46	107	142	142	176
-Dubuque	378	892	1,178	1,185	1,472	46	107	142	142	176
Metro Quad Cities	900	2,125	2,808	2,822	3,512	138	324	429	431	536
-Davenport	162	385	508	510	638	20	46	61	61	76
Metro Sioux City	--	--	--	--	--	--	--	--	--	--
N. E. IA	1,350	3,179	4,194	4,220	5,246	255	602	794	799	994
-Cedar Rapids	350	824	1,089	1,095	1,361	135	320	422	424	528
-Waterloo	1,000	2,355	3,105	3,125	3,885	120	282	372	375	466
N. Central IA	495	1,168	1,542	1,550	1,928	--	--	--	--	--
S. Central IA	1,112	2,902	3,830	3,851	4,715	82	306	405	407	507
-Des Moines	1,048	2,750	3,628	3,648	4,537	48	225	297	299	372
Total	4,487	10,827	14,280	14,341	17,764	655	1,638	2,158	2,159	2,688
Kansas										
Metro Kansas City	985	1,311	1,559	1,752	2,021	194	258	308	346	398
-Kansas City	985	1,311	1,559	1,752	2,021	194	258	308	346	398
N.E. KS	89	124	149	170	194	27	38	46	52	60
N. Central Kansas	--	--	--	--	--	--	--	--	--	--
N.W. KS	236	328	401	460	534	40	56	68	78	90
S.E. KS	4,308	5,920	7,164	8,132	9,370	28	40	48	54	63
S. Central KS	1,524	2,096	2,534	2,879	3,322	332	456	552	626	724
Total	7,142	9,779	11,807	13,393	15,441	621	848	1,022	1,156	1,335
Missouri										
Metro St. Louis	1,084	1,292	1,724	1,994	2,276	151	180	240	276	315
-St. Louis	1,084	1,292	1,724	1,994	2,276	151	180	240	276	315
Metro Kansas City	2,721	3,255	4,356	5,054	5,765	225	269	360	418	476
-Kansas City	2,721	3,255	4,356	5,054	5,765	225	269	360	418	476
N. MO	121	146	195	228	260	20	24	33	38	44
S. E. MO	--	--	--	--	--	--	--	--	--	--
S. W. MO	--	--	--	--	--	--	--	--	--	--
Total	3,926	4,693	6,275	7,276	8,301	396	473	633	732	835
Nebraska										
Omaha-Council Bluffs	--	--	--	--	--	--	--	--	--	--
-Omaha Council Bluffs	--	--	--	--	--	--	--	--	--	--
Lincoln-Beatrice-Fairbury	36	129	155	181	209	4	14	16	20	22
N.E. Intrastate	269	938	1,132	1,326	1,524	--	--	--	--	--
Total	305	1,067	1,287	1,507	1,733	4	14	16	20	22
Total Region VII	15,860	26,366	33,649	36,517	43,239	1,676	2,973	3,829	4,067	4,880

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Schedule II-1
Sheet 11 of 14

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES FROM
MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region VIII										
Colorado										
Metro Denver	--	86	180	274	372	--	18	37	57	78
-Metro Denver	--	86	180	274	372	--	18	37	57	78
Pawnee	--	56	115	173	232	--	10	22	32	42
-N. Central CO	--	5	11	16	22	--	1	3	4	6
San Isabel	--	386	619	852	1,088	--	42	68	94	120
-Colorado Springs	--	--	--	--	--	--	--	--	--	--
-Pueblo	--	386	619	852	1,088	--	42	68	94	120
Total	--	528	914	1,299	1,692	--	70	127	183	240
Montana										
Billings	584	608	634	660	686	215	224	233	242	252
-Billings	584	608	634	660	686	215	224	233	242	252
Great Falls	58	78	80	83	86	--	--	--	--	--
Helena	2,621	3,587	3,692	3,798	3,908	836	1,145	1,178	1,212	1,246
-Anaconda-Butte	2,077	2,843	2,926	3,010	3,097	836	1,145	1,178	1,212	1,246
-Helena	544	744	766	788	811	--	--	--	--	--
Miles City	162	169	176	184	192	53	54	56	57	58
Missoula	370	506	522	536	552	130	177	182	188	193
-Missoula	370	506	522	536	552	130	177	182	188	193
Total	3,795	4,948	5,104	5,261	5,424	1,234	1,600	1,649	1,699	1,749
North Dakota										
N.D. Intrastate	627	654	682	712	742	82	85	89	93	96
Total	627	654	682	712	742	82	85	89	93	96
South Dakota										
Metro Sioux Falls	675	806	884	904	927	68	80	88	90	93
-Sioux Falls	675	806	884	904	927	68	80	88	90	93
Total	675	806	884	904	927	68	80	88	90	93
Utah										
UT (except Wasatch and Four Corners Area)	144	--	--	118	265	3	--	--	3	6
-N. Central UT	138	--	--	113	252	--	--	--	--	--
Wasatch Front	1,352	--	--	1,110	2,478	318	--	--	263	585
-Salt Lake City	764	--	--	628	1,402	163	--	--	135	301
-Provo	588	--	--	482	1,076	155	--	--	128	284
Total	1,496	--	--	1,228	2,743	321	--	--	266	591
Wyoming										
Casper	--	100	179	207	236	--	47	85	98	112
Metro Cheyenne	--	--	--	--	--	--	--	--	--	--
WY (Remaining Area)	640	322	676	1,285	1,827	284	191	417	721	961
-Sweetwater	501	--	--	420	938	209	--	--	183	408
Total	640	422	855	1,492	2,063	284	238	502	819	1,073
Total Region VIII	7,233	7,358	8,439	10,896	13,591	1,989	2,073	2,455	3,150	3,842

EA-20947

Schedule III-1
Sheet 12 of 14

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES
FROM MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region IX										
Arizona										
AZ-NM-S. Border	912	1,217	1,680	1,954	2,044	--	--	--	--	--
Four Corners	904	1,193	1,586	1,710	1,766	136	186	237	242	248
Phoenix-Tucson	2,036	2,624	3,419	3,804	3,951	302	344	391	411	422
-Phoenix	211	289	368	377	386	64	87	110	113	116
-Tucson	684	917	1,216	1,342	1,392	123	126	129	132	134
Total	3,852	5,034	6,685	7,468	7,761	438	530	628	653	670
California										
Metro Los Angeles	767	5,272	7,072	11,538	11,486	786	5,373	7,122	12,303	12,247
-S. Coast	767	5,272	7,072	11,538	11,486	786	5,373	7,122	12,303	12,247
N. Central Coast	438	696	1,081	1,412	1,698	42	66	102	134	161
Sacramento Valley	754	1,204	1,870	2,447	2,943	78	125	194	254	305
-Sacramento Valley	448	717	1,110	1,454	1,748	58	94	144	190	227
San Diego	--	5	12	14	14	--	--	--	--	--
-San Diego	--	5	12	14	14	--	--	--	--	--
San Francisco Bay	889	1,411	2,190	2,854	3,439	624	988	1,538	2,004	2,412
-San Francisco Bay	889	1,411	2,190	2,854	3,439	624	988	1,538	2,004	2,412
San Joaquin Valley	3,867	11,698	13,960	15,890	17,544	84	141	213	273	328
-Fresno County	1,045	1,660	2,579	3,366	4,054	44	69	108	141	170
-Kern County	1,356	7,522	7,618	7,697	7,735	--	--	--	--	--
-S. Joaquin and Stanislaus Counties	934	1,476	2,299	2,998	3,608	38	60	93	121	146
-Tulare County	48	271	271	271	271	2	12	12	12	12
S. Central Coast	26	153	154	154	153	30	179	180	180	179
S. E. Desert	953	3,481	5,172	6,242	6,627	43	405	764	984	980
-S.E. Desert	509	1,803	2,769	3,537	3,749	43	365	628	829	824
Total	7,694	23,920	31,511	40,551	43,904	1,687	7,277	10,113	16,132	16,612
Nevada										
Clark-Mohave	14	20	25	26	26	--	--	--	--	--
N.W. NV	--	--	--	--	--	--	--	--	--	--
Total	14	20	25	26	26	--	--	--	--	--
Total Region IX	11,560	28,974	38,221	48,045	51,691	2,125	7,807	10,741	16,785	17,282

PROJECTED INCREMENTAL EMISSIONS OF SULFUR DIOXIDE AND PARTICULATES
FROM MAJOR MFBI GAS COMBUSTORS BY AQCR AND AQMA TO 1980

(Tons Per Year)

Region State AQCR -AQMA	Sulfur Dioxide					Particulates				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
EPA Region X										
Idaho										
E. ID	--	--	--	--	3	--	--	--	--	1
E. WA-N. ID	--	--	--	--	--	--	--	--	--	--
ID Intrastate	--	--	--	2	6	--	--	--	1	2
Metro Boise	--	--	--	3	14	--	--	--	2	4
Total	--	--	--	5	23	--	--	--	3	7
Oregon										
E. OR	--	43	71	67	32	--	4	6	5	2
N. W. OR	--	46	76	75	36	--	8	13	13	6
Portland	1	539	891	873	412	--	107	178	175	83
-Eugene-Springfield	--	41	68	66	32	--	9	16	15	7
-Portland-Vancouver	1	129	217	207	93	--	18	31	30	13
Total	1	628	1,038	1,015	480	--	119	197	193	91
Washington										
E. WA-N. ID	--	--	--	--	--	--	--	--	--	--
-Spokane	--	--	--	--	--	--	--	--	--	--
Portland	1,664	1,620	2,486	2,430	2,270	115	146	172	168	156
-Portland-Vancouver	768	985	1,164	1,147	1,083	53	68	80	79	75
Olympic - N.W. WA	551	663	899	688	596	37	43	63	42	34
Puget Sound	3,168	4,063	4,810	4,742	4,485	183	234	277	273	257
-Puget Sound	3,168	4,063	4,810	4,742	4,485	183	234	277	273	257
S. Central WA	423	542	641	633	596	30	38	45	45	42
Total	5,806	6,888	8,836	8,493	7,946	365	461	557	528	489
Total Region X	5,807	7,516	9,874	9,513	8,449	365	580	754	724	587
Total Lower 48 States	213,715	308,259	377,385	441,569	509,015	21,829	37,274	48,332	62,060	71,270

UNITED STATES GAS CONSUMPTION BY EPA REGION AND SECTOR

1974

(Billions of Btu's)

	Residential	Commercial			Industrial			Electric Utility			Grand Total
	(1)	Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	(11)
REGION I	137,507	55,280	1,909	57,189	37,836	17,454	55,290	--	11,029	11,029	261,015
Connecticut	31,875	15,238	563	15,801	14,125	2,728	16,853	--	560	560	65,089
Maine	799	531	10	541	440	111	551	--	--	--	1,891
Massachusetts	86,448	32,648	625	33,273	18,029	12,331	30,360	--	7,055	7,055	157,136
New Hampshire	3,929	2,348	588	2,936	509	377	886	--	357	357	8,108
Rhode Island	13,028	3,756	--	3,756	4,311	865	5,176	--	1,759	1,759	23,719
Vermont	1,428	759	123	882	422	1,042	1,464	--	1,298	1,298	5,072
REGION II	487,046	192,998	15,897	208,895	132,957	46,839	179,796	112	59,271	59,383	935,120
New Jersey	142,343	58,062	4,870	62,932	37,398	30,781	68,179	--	15,347	15,347	288,801
New York	344,703	134,936	11,027	145,963	95,559	16,058	111,617	112	43,924	44,036	646,319
REGION III	480,518	196,219	16,052	212,271	458,887	89,417	548,304	4,146	17,390	21,536	1,262,629
Delaware	7,600	3,042	228	3,270	3,422	2,205	5,627	--	--	--	16,497
Dis. of Col.	13,258	11,700	2,104	13,804	--	--	--	--	--	--	27,062
Maryland	71,560	20,404	6,395	26,799	25,487	34,787	60,274	--	13,428	13,428	172,061
Pennsylvania	283,926	112,995	1,750	114,745	322,105	30,470	352,575	4,111	2,339	6,450	757,696
Virginia	50,382	25,594	5,465	31,059	31,364	20,744	52,108	--	1,580	1,580	135,129
West Virginia	53,792	22,484	110	22,594	76,509	1,211	77,720	35	43	78	154,184
REGION IV	361,178	206,657	30,495	237,152	470,616	472,772	943,388	150,842	115,015	265,857	1,807,575
Kentucky	75,584	39,405	918	40,323	58,790	18,374	77,164	1,036	5,365	6,401	199,472
Alabama	52,342	21,472	4,528	26,000	92,806	90,998	183,804	2,307	2,819	5,126	267,272
Florida	20,434	16,137	9,162	25,299	25,091	61,841	86,932	119,619	32,237	151,856	284,521
Georgia	80,782	38,260	7,914	46,174	47,510	117,552	165,062	--	44,338	44,338	336,356
No. Car.	27,617	21,172	2,139	23,311	36,713	46,877	83,590	3	1,123	1,126	135,644
So. Car.	27,303	10,379	3,402	13,781	18,341	61,609	79,950	--	20,918	20,918	141,952
Tennessee	44,501	39,423	2,432	41,855	108,122	50,915	159,037	--	--	--	245,393
Mississippi	32,615	20,409	--	20,409	83,243	24,606	107,849	27,877	8,215	36,092	196,965
REGION V	1,653,879	787,091	66,145	853,236	1,351,246	313,306	1,664,552	81,230	88,716	169,946	4,341,613
Ohio	451,498	185,632	2,758	188,390	401,434	34,484	435,918	10,008	287	10,295	1,086,101
Illinois	473,620	222,725	2,549	225,274	340,484	38,371	378,855	36,417	4,358	40,775	1,118,524
Indiana	155,972	73,252	1,501	74,753	233,872	33,224	267,096	13,663	32	13,695	511,516
Michigan	350,000	197,800	465	198,265	268,700	78,834	347,534	10,848	13,819	24,667	920,466
Wisconsin	117,806	64,442	28,047	92,489	52,568	84,095	136,663	6,448	28,151	34,599	381,557
Minnesota	104,983	43,240	30,825	74,065	54,188	44,298	98,486	3,846	42,069	45,915	323,449
REGION VI	490,245	206,774	31,727	238,501	3,524,545	335,443	3,859,988	1,815,910	327,195	2,143,105	6,731,839
Oklahoma	74,762	36,141	5,197	41,338	56,206	87,727	143,933	289,547	14,291	303,838	563,871
Arkansas	46,398	20,703	159	20,862	193,163	11,742	204,905	108,275	4	108,279	380,444
Louisiana	119,506	22,263	26,371	48,634	1,123,764	17,443	1,141,207	360,987	53,711	414,698	1,724,045
Texas	222,467	114,593	--	114,593	2,120,410	217,371	2,337,781	1,027,415	241,827	1,269,242	3,944,083
New Mexico	27,112	13,074	--	13,074	31,002	1,160	32,162	29,686	17,362	47,048	119,396

UNITED STATES GAS CONSUMPTION BY EPA REGION AND SECTOR

1974

(Billions of Btu's)

	Residential (1)	Commercial			Industrial			Electric Utility			Grand Total (11)
		Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	
REGION VII	379,223	175,041	63,326	238,367	181,768	222,771	404,539	12,318	309,853	322,171	1,344,300
Iowa	92,640	41,848	23,170	65,018	70,788	46,854	117,642	1,453	59,980	61,433	336,733
Nebraska	48,854	31,482	10,117	41,599	28,837	26,173	55,010	--	47,057	47,057	192,520
Kansas	88,505	41,556	12,127	53,683	43,809	96,434	140,243	7,919	156,168	164,087	446,518
Missouri	149,224	60,155	17,912	78,067	38,334	53,310	91,644	2,946	46,648	49,594	368,529
REGION VIII	187,752	121,839	25,659	147,498	40,384	156,913	197,297	20,183	51,696	71,879	604,426
North Dakota	9,923	11,266	679	11,945	35	2,885	2,920	--	57	57	24,845
South Dakota	11,145	7,505	2,751	10,256	207	6,993	7,200	--	3,615	3,615	32,216
Colorado	87,818	61,092	13,834	74,926	22,293	31,666	53,959	19,683	44,130	63,813	280,516
Montana	22,430	16,276	--	16,276	3,450	34,260	37,710	500	609	1,109	77,525
Utah	43,381	16,815	7,587	24,402	2,830	45,060	47,890	--	3,285	3,285	118,958
Wyoming	13,055	8,885	808	9,693	11,569	36,049	47,618	--	--	--	70,366
REGION IX	643,096	230,969	28,922	259,891	160,948	496,682	657,630	101,967	274,266	376,233	1,936,850
Arizona	35,992	33,430	--	33,430	59,777	--	59,777	63,719	--	63,719	192,918
California	597,320	187,867	28,922	216,789	88,603	496,682	585,285	6,529	274,266	280,795	1,680,189
Nevada	9,784	9,672	--	9,672	12,568	--	12,568	31,719	--	31,719	63,743
REGION X	66,665	42,284	14,870	57,154	86,187	106,768	192,955	266	--	266	317,040
Idaho	9,143	7,208	811	8,019	21,672	9,313	30,985	--	--	--	48,147
Oregon	22,294	13,512	471	13,983	30,213	27,938	58,151	266	--	266	94,694
Washington	35,228	21,564	13,588	35,152	34,302	69,517	103,819	--	--	--	174,199
Total-Lower 48 States	4,887,109	2,215,152	295,002	2,510,154	6,445,374	2,258,365	8,703,739	2,186,974	1,254,431	3,441,405	19,542,407

Other use^{a/} - 1,287,498

Total Excluding Field Use - 20,907,356

^{a/} Total Lower 48 states only.Source: Gas Requirements Committee, Future Gas Consumption of the United States, Volume 6, December 1975.

UNITED STATES GAS CONSUMPTION BY EPA REGION AND SECTOR
1974

(Percent of Total Consumption)

	Residential	Firm	Commercial	Total	Firm	Industrial	Total	Firm	Electric Utility	Total	Grand
	(1)	(2)	Interruptible	(4)	(5)	Interruptible	(7)	(8)	Interruptible	(10)	Total
			(3)			(6)			(9)		(11)
REGION I	52.7	21.2	0.7	21.9	14.5	6.7	21.2	--	4.2	4.2	100.0
Connecticut	48.9	23.4	0.9	24.3	21.7	4.2	25.9	--	0.9	0.9	100.0
Maine	42.2	28.1	0.5	28.6	23.3	5.9	29.2	--	--	--	100.0
Massachusetts	55.0	20.8	0.4	21.2	11.5	7.8	19.3	--	4.5	4.5	100.0
New Hampshire	48.5	29.0	7.2	36.2	6.3	4.6	10.9	--	4.4	4.4	100.0
Rhode Island	54.9	15.8	--	15.8	18.2	3.6	21.8	--	7.5	7.5	100.0
Vermont	28.2	15.0	2.4	17.4	8.3	20.5	28.8	--	25.6	25.6	100.0
REGION II	52.1	20.6	1.7	22.3	14.2	5.0	19.2	--	6.4	6.4	100.0
New Jersey	49.3	20.1	1.7	21.8	12.9	10.7	23.6	--	5.3	5.3	100.0
New York	53.3	20.9	1.7	22.6	14.8	2.5	17.3	--	6.8	6.8	100.0
REGION III	38.1	15.5	1.3	16.8	36.3	7.1	43.4	0.3	1.4	1.7	100.0
Delaware	46.1	18.4	1.4	19.8	20.7	13.4	34.1	--	--	--	100.0
Dis. of Col.	49.0	43.2	7.8	51.0	--	--	--	--	--	--	100.0
Maryland	41.6	11.8	3.7	15.6	14.8	20.2	35.0	--	7.8	7.8	100.0
Pennsylvania	37.5	14.9	0.2	15.1	42.5	4.0	46.5	0.6	0.3	0.9	100.0
Virginia	37.3	19.0	4.0	23.0	23.2	15.4	38.6	--	1.1	1.1	100.0
West Virginia	34.9	14.6	0.1	14.7	49.6	0.8	50.4	--	--	--	100.0
REGION IV	20.0	11.4	1.7	13.1	26.0	26.2	52.2	8.3	6.4	14.7	100.0
Kentucky	37.9	19.8	0.4	20.2	29.5	9.2	38.7	0.5	2.7	3.2	100.0
Alabama	19.6	8.0	1.7	9.7	34.7	34.1	68.8	0.9	1.0	1.9	100.0
Florida	7.2	5.7	3.2	8.9	8.8	21.7	30.5	42.1	11.3	53.4	100.0
Georgia	24.0	11.4	2.4	13.8	14.1	34.9	49.0	--	13.2	13.2	100.0
No. Car.	20.4	15.6	1.6	17.2	27.1	34.5	61.6	--	0.8	0.8	100.0
So. Car.	19.2	7.3	2.4	9.7	12.9	43.5	56.4	--	14.7	14.7	100.0
Tennessee	18.1	16.1	1.0	17.1	44.1	20.7	64.8	--	--	--	100.0
Mississippi	16.5	10.4	--	10.4	42.3	12.5	54.8	14.1	4.2	18.3	100.0
REGION V	38.1	18.2	1.5	19.7	31.1	7.2	38.3	1.9	2.0	3.9	100.0
Ohio	41.6	17.1	0.2	17.3	37.0	3.2	40.2	0.9	--	0.9	100.0
Illinois	42.3	19.9	0.2	20.1	30.5	3.4	33.9	3.3	0.4	3.7	100.0
Indiana	30.5	14.3	0.3	14.6	45.7	6.5	52.2	2.7	--	2.7	100.0
Michigan	38.0	21.4	0.1	21.5	29.2	8.6	37.8	1.2	1.5	2.7	100.0
Wisconsin	30.9	16.9	7.3	24.2	13.8	22.0	35.8	1.7	7.4	9.1	100.0
Minnesota	32.4	13.4	9.5	22.9	16.8	13.7	30.5	1.2	13.0	14.2	100.0

UNITED STATES GAS CONSUMPTION BY EPA REGION AND SECTOR
1974

(Percent of Total Consumption)

	Residential	Firm	Commercial	Total	Firm	Industrial	Total	Firm	Electric Utility	Total	Grand
	(1)	(2)	Interruptible	(4)	(5)	Interruptible	(7)	(8)	Interruptible	(10)	Total
			(3)			(6)			(9)		(11)
REGION VI	7.3	3.1	0.5	3.6	52.3	5.0	57.3	27.0	4.8	31.8	100.0
Oklahoma	13.3	6.4	0.9	7.3	10.0	15.5	25.5	51.4	2.5	53.9	100.0
Arkansas	12.2	5.4	--	5.4	50.8	3.1	53.9	28.5	--	28.5	100.0
Louisiana	7.0	1.3	1.5	2.8	65.2	1.0	66.2	20.9	3.1	24.0	100.0
Texas	5.6	2.9	--	2.9	53.8	5.5	59.3	26.1	6.1	32.2	100.0
New Mexico	22.7	10.9	--	10.9	26.0	1.0	27.0	24.9	14.5	39.4	100.0
REGION VII	28.2	13.0	4.7	17.7	13.5	16.6	30.1	0.9	23.1	24.0	100.0
Iowa	27.5	12.4	6.9	19.3	21.0	13.9	34.9	0.5	17.8	18.3	100.0
Nebraska	25.4	16.4	5.2	21.6	15.0	13.6	28.6	--	24.4	24.4	100.0
Kansas	19.8	9.3	2.7	12.0	9.8	21.6	31.4	1.8	35.0	36.8	100.0
Missouri	40.5	16.3	4.9	21.2	10.4	14.5	24.9	0.8	12.6	13.4	100.0
REGION VIII	31.1	20.2	4.2	24.4	6.7	25.9	32.6	3.3	8.6	11.9	100.0
North Dakota	39.9	45.4	2.7	48.1	0.2	11.6	11.8	--	0.2	0.2	100.0
South Dakota	34.6	23.3	8.5	31.8	0.7	21.7	22.4	--	11.2	11.2	100.0
Colorado	31.3	21.8	4.9	26.7	7.9	11.3	19.2	7.0	15.8	22.8	100.0
Montana	28.9	21.0	--	21.0	4.5	44.2	48.7	0.6	0.8	1.4	100.0
Utah	36.4	14.1	6.4	20.5	2.4	37.9	40.3	--	2.8	2.8	100.0
Wyoming	18.6	12.6	1.1	13.7	16.5	51.2	67.7	--	--	--	100.0
REGION IX	33.2	11.9	1.5	13.4	8.3	25.7	34.0	5.3	14.1	19.4	100.0
Arizona	18.7	17.3	--	17.3	31.0	--	31.0	33.0	--	33.0	100.0
California	35.6	11.2	1.7	12.9	5.3	29.5	34.8	0.4	16.3	16.7	100.0
Nevada	15.3	15.2	--	15.2	19.7	--	19.7	49.8	--	49.8	100.0
REGION X	21.0	13.3	4.7	18.0	27.2	33.7	60.9	0.1	--	0.1	100.0
Idaho	19.0	15.0	1.7	16.7	45.0	19.3	64.3	--	--	--	100.0
Oregon	23.5	14.3	0.5	14.8	31.9	29.5	61.4	0.3	--	0.3	100.0
Washington	20.2	12.4	7.8	20.2	19.7	39.9	59.6	--	--	--	100.0
Total - Lower 48 States	25.0	11.3	1.5	12.8	33.0	11.6	44.6	11.2	6.4	17.6	100.0

UNITED STATES GAS CONSUMPTION BY EPA REGION AND SECTOR

1975

(Billions of Btu's)

	Residential	Commercial			Industrial			Electric Utility			Grand
	(1)	Firm	Interruptible	Total	Firm	Interruptible	Total	Firm	Interruptible	Total	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Region I	133,444	57,405	2,689	60,094	34,340	8,715	43,055	--	3,983	3,983	240,576
Connecticut	30,674	14,783	593	15,376	12,662	2,378	15,040	--	349	349	61,439
Maine	828	552	--	552	517	143	660	--	--	--	2,040
Massachusetts	84,432	35,032	1,892	36,924	14,440	4,875	19,315	--	2,890	2,890	143,561
New Hampshire	3,852	2,358	26	2,384	746	444	1,190	--	177	177	7,603
Rhode Island	12,264	3,732	--	3,732	5,599	--	5,599	--	--	--	21,595
Vermont	1,394	948	178	1,126	376	875	1,251	--	567	567	4,338
Region II	449,462	172,617	15,261	187,878	114,025	29,036	143,061	45	25,044	25,089	805,490
New Jersey	139,728	56,793	3,063	59,856	33,556	20,048	53,604	--	8,815	8,815	262,003
New York	309,734	115,824	12,198	128,022	80,469	8,988	89,457	45	16,229	16,274	543,487
Region III	481,364	205,395	6,298	211,693	362,473	39,028	401,501	1,170	1,053	2,223	1,096,781
Delaware	7,241	2,932	173	3,105	5,503	1,250	6,753	57	308	365	17,464
Dist. of Col.	13,004	10,585	885	11,470	--	--	--	--	--	--	24,474
Maryland	70,923	22,408	1,887	24,295	21,577	22,258	43,835	--	19	19	139,072
Pennsylvania	284,199	118,766	105	118,871	248,157	9,941	258,098	1,113	230	1,343	662,511
Virginia	52,224	26,900	2,687	29,587	26,260	5,539	31,799	--	457	457	114,067
West Virginia	53,773	23,804	561	24,365	60,976	40	61,016	--	39	39	139,193
Region IV	370,606	214,271	28,948	243,219	409,264	375,638	784,902	137,389	48,430	185,819	1,584,546
Kentucky	75,797	40,090	911	41,001	43,844	15,223	59,067	639	171	810	176,675
Alabama	56,074	23,395	3,820	27,215	86,328	67,852	154,180	3,465	2,520	5,985	243,454
Florida	21,555	16,626	9,480	26,106	21,430	50,723	72,153	116,015	15,200	131,215	251,029
Georgia	84,455	40,069	8,935	49,004	45,126	130,774	175,900	--	11,383	11,383	320,742
North Carolina	28,008	21,108	966	22,074	33,907	22,388	56,295	--	--	--	106,377
South Carolina	28,255	11,056	3,547	14,603	16,935	51,195	68,130	--	14,937	14,937	125,925
Tennessee	45,108	40,365	1,289	41,654	91,667	14,933	106,600	--	--	--	193,362
Mississippi	31,354	21,562	--	21,562	70,027	22,550	92,577	17,270	4,219	21,489	166,982
Region V	1,640,895	791,728	62,513	854,241	1,166,350	246,838	1,413,188	62,781	54,007	116,788	4,025,112
Ohio	430,123	173,407	1,552	174,959	291,672	18,117	309,789	2,779	20	2,799	917,670
Illinois	486,441	233,601	644	234,245	316,145	29,023	345,168	30,013	2,675	32,688	1,098,542
Indiana	162,779	70,788	548	71,336	202,374	19,146	221,520	10,311	10	10,321	465,956
Michigan	339,331	205,018	4,963	209,981	250,421	54,043	304,464	13,116	9,685	22,801	876,577
Wisconsin	118,371	66,769	18,910	85,679	52,149	86,073	138,222	3,524	16,399	19,923	362,195
Minnesota	103,850	42,145	35,896	78,041	53,589	40,436	94,025	3,038	25,218	28,256	304,172

UNITED STATES GAS CONSUMPTION BY EPA REGION AND SECTOR

1975

(Billions of Btu's)

	Residential (1)	Commercial			Industrial			Electric Utility			Grand Total (11)
		Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	
Region VI	510,012	355,907	8,395	364,302	2,580,830	372,248	2,953,078	1,751,836	339,008	2,090,844	5,918,236
Oklahoma	78,276	41,431	7,803	49,234	58,547	86,882	145,429	310,520	22,330	332,850	605,789
Arkansas	45,493	30,408	206	30,614	127,977	9,453	137,430	31,482	--	31,482	245,019
Louisiana	119,584	30,038	118	30,156	688,181	27,860	716,041	309,444	56,219	365,663	1,231,444
Texas	237,824	221,265	62	221,327	1,678,315	245,891	1,924,206	1,089,147	223,362	1,312,509	3,695,866
New Mexico	28,835	32,765	206	32,971	27,810	2,162	29,972	11,243	37,097	48,340	140,118
Region VII	399,997	184,265	64,018	248,283	168,821	186,797	355,618	13,269	223,573	236,842	1,240,740
Iowa	94,380	43,349	22,818	66,167	70,195	38,785	108,980	4,548	42,723	47,271	316,798
Nebraska	54,937	32,385	10,057	42,442	25,287	25,555	50,842	--	36,716	36,716	184,937
Kansas	95,020	46,114	13,170	59,284	38,236	81,719	119,955	8,678	116,714	125,392	399,651
Missouri	155,660	62,417	17,973	80,390	35,103	40,738	75,841	43	27,420	27,463	339,354
Region VIII	203,709	130,817	33,433	164,250	36,235	132,826	169,061	8,872	55,063	63,935	600,955
North Dakota	10,202	11,766	1,428	13,194	345	1,094	1,439	--	155	155	24,990
South Dakota	11,916	8,248	2,796	11,044	273	6,226	6,499	--	3,205	3,205	32,664
Colorado	94,344	66,758	21,393	88,151	19,016	27,316	46,332	8,401	48,294	56,695	285,522
Montana	24,550	17,839	--	17,839	3,348	30,719	34,067	471	589	1,060	77,516
Utah	50,984	17,976	6,963	24,939	3,039	37,726	40,765	--	2,820	2,820	119,508
Wyoming	11,713	8,230	853	9,083	10,214	29,745	39,959	--	--	--	60,755
Region IX	721,167	259,401	32,398	291,799	154,255	469,448	623,703	50,610	274,319	324,929	1,961,598
Arizona	39,250	38,409	--	38,409	48,538	--	48,538	18,652	--	18,652	144,849
California	670,178	209,959	32,398	242,357	95,391	469,448	564,839	5,066	274,319	279,385	1,756,759
Nevada	11,739	11,033	--	11,033	10,326	--	10,326	26,892	--	26,892	59,990
Region X	70,792	43,907	17,270	61,177	90,104	75,101	165,205	--	--	--	297,174
Idaho	10,248	5,876	2,855	8,731	27,747	3,711	31,458	--	--	--	50,437
Oregon	23,356	14,353	452	14,805	28,250	20,415	48,665	--	--	--	86,826
Washington	37,188	23,678	13,963	37,641	34,107	50,975	85,082	--	--	--	159,911
Total lower 48 States	4,981,448	2,415,713	271,223	2,686,936	5,116,697	1,935,675	7,052,372	2,025,972	1,024,480	3,050,452	17,771,208

Other use^{a/} - 1,113,811

Total Excluding Field Use - 18,944,977

^{a/} Total lower 48 states only.

UNITED STATES GAS CONSUMPTION BY EPA REGION AND SECTOR

1975

(Percent of Total Consumption)

	Residential (1)	Commercial			Industrial			Electric Utility			Grand Total (11)
		Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	
Region I	55.5	23.9	1.1	25.0	14.3	3.6	17.9	--	1.6	1.6	100.0
Connecticut	49.9	24.1	0.9	25.0	20.6	3.9	24.5	--	0.6	0.6	100.0
Maine	40.6	27.1	--	27.1	25.3	7.0	32.3	--	--	--	100.0
Massachusetts	58.8	24.4	1.3	25.7	10.1	3.4	13.5	--	2.0	2.0	100.0
New Hampshire	50.7	31.0	0.4	31.4	9.8	5.8	15.6	--	2.3	2.3	100.0
Rhode Island	56.8	17.3	--	17.3	25.9	--	25.9	--	--	--	100.0
Vermont	32.1	21.8	4.1	25.9	8.7	20.2	28.9	--	13.1	13.1	100.0
Region II	55.8	21.4	1.9	23.3	14.2	3.6	17.8	--	3.1	3.1	100.0
New Jersey	53.3	21.7	1.2	22.8	12.8	7.7	20.5	--	3.4	3.4	100.0
New York	57.0	21.3	2.2	23.5	14.8	1.7	16.5	--	3.0	3.0	100.0
Region III	43.9	18.7	0.6	19.3	33.0	3.6	36.6	0.1	0.1	0.2	100.0
Delaware	41.5	16.8	1.0	17.8	31.5	7.1	38.6	0.3	1.8	2.1	100.0
Dist. of Col.	53.1	43.3	3.6	46.9	--	--	--	--	--	--	100.0
Maryland	51.0	16.1	1.4	17.5	15.5	16.0	31.5	--	--	--	100.0
Pennsylvania	42.9	17.9	--	17.9	37.5	1.5	39.0	0.2	--	0.2	100.0
Virginia	45.8	23.6	2.3	25.9	23.0	4.9	27.9	--	0.4	0.4	100.0
West Virginia	38.7	17.1	0.4	17.5	43.8	--	43.8	--	--	--	100.0
Region IV	23.4	13.5	1.8	15.3	25.8	23.7	49.5	8.7	3.1	11.8	100.0
Kentucky	42.9	22.7	0.5	23.2	24.8	8.6	33.4	0.4	0.1	0.5	100.0
Alabama	23.0	9.6	1.6	11.2	35.4	27.9	63.3	1.4	1.0	2.5	100.0
Florida	8.6	6.6	3.8	10.4	8.5	20.2	28.7	46.2	6.1	52.3	100.0
Georgia	26.3	12.5	2.8	15.3	14.1	40.8	54.9	--	3.5	3.5	100.0
North Carolina	26.3	19.9	0.9	20.8	31.9	21.0	52.9	--	--	--	100.0
South Carolina	22.4	8.8	2.8	11.6	13.4	40.7	54.1	--	11.9	11.9	100.0
Tennessee	23.3	20.9	0.7	21.6	47.4	7.7	55.1	--	--	--	100.0
Mississippi	18.8	12.9	--	12.9	41.9	13.5	55.4	10.4	2.5	12.9	100.0
Region V	40.8	19.7	1.5	21.2	29.0	6.1	35.1	1.6	1.3	2.9	100.0
Ohio	46.9	18.9	0.1	19.0	31.8	2.0	33.8	0.3	--	0.3	100.0
Illinois	44.3	21.3	--	21.3	28.8	2.6	31.4	2.7	0.3	3.0	100.0
Indiana	34.9	15.2	0.1	15.3	43.5	4.1	47.6	2.2	--	2.2	100.0
Michigan	38.7	23.4	0.6	24.0	28.6	6.1	34.7	1.5	1.1	2.6	100.0
Wisconsin	32.7	18.4	5.2	23.6	14.4	23.8	38.2	1.0	4.5	5.5	100.0
Minnesota	34.1	13.9	11.8	25.7	17.6	13.3	30.9	1.0	8.3	9.3	100.0
Region VI	8.6	6.0	0.2	6.2	43.6	6.3	49.9	29.6	5.7	35.3	100.0
Oklahoma	12.9	6.8	1.3	8.1	9.7	14.3	24.0	51.3	3.7	55.0	100.0
Arkansas	18.6	12.4	0.1	12.5	52.2	3.9	56.1	12.8	--	12.8	100.0
Louisiana	9.7	2.4	--	2.4	55.9	2.3	58.2	25.1	4.6	29.7	100.0
Texas	6.4	6.0	--	6.0	45.4	6.7	52.1	29.5	6.0	35.5	100.0
New Mexico	20.6	23.4	0.1	23.5	19.8	1.6	21.4	8.0	26.5	34.5	100.0

UNITED STATES GAS CONSUMPTION BY EPA REGION AND SECTOR

1975

(Percent of Total Consumption)

	Residential (1)	Commercial			Industrial			Electric Utility			Grand Total (11)
		Firm (2)	Interruptible (3)	Total (4)	Firm (5)	Interruptible (6)	Total (7)	Firm (8)	Interruptible (9)	Total (10)	
<u>Region VII</u>	32.2	14.8	5.2	20.0	13.6	15.1	28.7	1.1	18.0	19.1	100.0
Iowa	29.8	13.7	7.2	20.9	22.2	12.2	34.4	1.4	13.5	14.9	100.0
Nebraska	29.7	17.5	5.4	22.9	13.7	13.8	27.5	--	19.9	19.9	100.0
Kansas	23.8	11.5	3.3	14.8	9.6	20.4	30.0	2.2	29.2	31.4	100.0
Missouri	45.9	18.4	5.3	23.7	10.3	12.0	22.3	--	8.1	8.1	100.0
<u>Region VIII</u>	33.9	21.8	5.5	27.3	6.0	22.1	28.1	1.5	9.2	10.7	100.0
North Dakota	40.8	47.1	5.7	52.8	1.4	4.4	5.8	--	0.6	0.6	100.0
South Dakota	36.5	25.2	8.6	33.8	0.8	19.1	19.9	--	9.8	9.8	100.0
Colorado	33.0	23.4	7.5	30.9	6.6	9.6	16.2	3.0	16.9	19.0	100.0
Montana	31.7	23.0	--	23.0	4.3	39.6	43.9	0.6	0.8	1.4	100.0
Utah	42.7	15.1	5.8	20.9	2.5	31.6	34.1	--	2.3	2.3	100.0
Wyoming	19.3	13.5	1.4	14.9	16.8	49.0	65.8	--	--	--	100.0
<u>Region IX</u>	36.7	13.2	1.7	14.9	7.9	23.9	31.8	2.6	14.0	16.6	100.0
Arizona	27.1	26.5	--	26.5	33.5	--	33.5	12.9	--	12.9	100.0
California	38.2	12.0	1.8	13.8	5.4	26.7	32.1	0.3	15.6	15.9	100.0
Nevada	19.6	18.4	--	18.4	17.2	--	17.2	44.8	--	44.8	100.0
<u>Region X</u>	23.8	14.8	5.8	20.6	30.3	25.3	55.6	--	--	--	100.0
Idaho	20.3	11.6	5.7	17.3	55.0	7.4	62.4	--	--	--	100.0
Oregon	26.9	16.6	0.5	17.1	32.5	23.5	56.0	--	--	--	100.0
Washington	23.3	14.8	8.7	23.5	21.3	31.9	53.2	--	--	--	100.0
<u>Total Lower 48 States</u>	28.0	13.6	1.5	15.1	28.8	10.9	39.7	11.4	5.8	17.2	100.0

Source: Gas Requirements Committee, Future Gas Consumption of the United States, Supplement to Volume 6, September, 1976.

SUPPLY AND CONSUMPTION OF NATURAL GAS IN THE LOWER 48 STATES^{a/}

1960 - 1975

(Volumes in Billions of Cubic Feet at 14.73 Psia)

Year	C o n s u m p t i o n						Supply	
	Delivered to Consumers			Field Use, Including Shrinkage	Other Disposition ^{b/}	Total	Marketed Production	Net Imports ^{c/}
	Residential and Commercial	Electric Utilities	Other Industrial					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1960	4,101	1,715	4,510	1,770	749	12,845	12,701	144
1961	4,302	1,815	4,647	1,871	753	13,388	13,181	207
1962	4,659	1,955	4,836	1,982	751	14,183	13,799	384
1963	4,828	2,131	5,107	2,069	914	15,049	14,662	387
1964	5,131	2,308	5,493	2,081	864	15,877	15,456	421
1965	5,343	2,316	5,957	1,909	937	16,462	16,032	430
1966	5,757	2,605	6,510	1,773	1,005	17,650	17,195	455
1967	6,025	2,739	6,898	1,924	1,054	18,640	18,157	483
1968	6,246	3,138	7,405	2,063	1,011	19,863	19,305	558
1969	6,673	3,480	7,891	2,205	1,077	21,326	20,647	679
1970	6,881	3,886	8,210	2,300	1,327	22,604	21,809	795
1971	7,130	3,983	8,482	2,288	1,390	23,273	22,371	902
1972	7,395	3,966	8,469	2,347	1,218	23,395	22,406	989
1973	7,157	3,590	9,031	2,396	1,347	23,521	22,517	1,004
1974	7,038	3,412	8,579	2,350	1,026	22,405	21,472	933
1975	7,173	3,127	7,191	2,249	1,141	20,881	19,948	933

^{a/} Excludes Alaska and Hawaii.

^{b/} Includes pipeline fuel, net additions to underground storage and transmission losses and unaccounted for.

^{c/} LNG and overland imports.

Source: Bureau of Mines, Minerals Yearbooks and Natural Gas, Annual.

1974 CONSUMPTION OF ENERGY BY STATIONARY USERS IN THE UNITED STATES
RESIDENTIAL AND COMMERCIAL SECTORS

NPA Region - State (1)	Volume (Billions of Btu's) ^{2/}									Percent Distribution By Fuel Type								
	Firm (2)	Gas Interrupt- tible (3)	Total (4)	Elec- tricity (5)	Fuel Oil		LPG (8)	Coal ^{3/} (9)	Total (10)	Firm (11)	Gas Interrupt- tible (12)	Total (13)	Elec- tricity (14)	Fuel Oil		LPG (17)	Coal (18)	Total (19)
					Distillate (6)	Residual ^{4/} (7)								Distillate (15)	Residual (16)			
Region I																		
Connecticut	47,113	563	47,676	44,175	105,411	314	3,533	25	201,134	23.4	0.3	23.7	22.0	52.4	0.1	1.8	g/	100.0
Maine	1,330	10	1,340	12,597	41,104	2,659	2,362	199	80,263	16.7	g/	16.7	15.7	76.1	3.3	2.9	0.3	100.0
Massachusetts	119,096	625	119,721	69,584	311,249	33,277	4,467	745	539,043	22.1	0.1	22.2	12.9	57.7	4.2	0.8	0.2	100.0
New Hampshire	6,277	582	6,859	9,980	42,460	1,565	2,648	--	43,518	9.9	0.9	10.8	15.7	66.8	2.5	4.2	--	100.0
Rhode Island	16,784	--	16,784	10,239	40,398	3,269	626	--	71,316	23.5	--	23.5	14.4	56.6	4.6	0.9	--	100.0
Vermont	2,187	123	2,310	6,957	26,213	126	2,298	--	37,904	5.8	0.3	6.1	18.3	69.2	0.3	6.1	--	100.0
Total	192,787	1,909	194,696	153,532	586,837	41,210	15,934	969	993,178	19.4	0.2	19.6	15.5	59.1	4.1	1.6	0.1	100.0
Region II																		
New Jersey	200,405	4,878	205,273	92,643	269,944	8,330	4,271	248	580,711	34.5	0.9	35.4	16.0	46.5	1.4	0.7	g/	100.0
New York	479,639	11,027	490,666	194,252	523,914	3,829	13,326	2,409	1,228,494	39.0	0.9	39.9	15.8	42.7	0.3	1.1	0.2	100.0
Total	680,044	15,897	695,941	286,895	793,858	12,259	17,597	2,657	1,809,207	37.6	0.9	38.5	15.8	43.9	0.7	1.0	0.1	100.0
Region III																		
Delaware	10,642	228	10,870	8,646	18,941	534	1,746	--	40,737	26.1	0.6	26.7	21.2	46.5	1.3	4.3	--	100.0
District of Columbia;																		
Maryland	116,922	9,499	126,421	67,967	83,948	9,034	5,371	1,863	293,804	39.8	2.9	42.7	23.1	28.6	3.1	1.9	0.6	100.0
Pennsylvania	396,921	1,750	398,671	146,754	255,124	32,347	9,179	9,512	851,587	46.4	0.2	46.8	17.2	30.0	3.8	1.1	1.1	100.0
Virginia	75,976	3,465	81,441	82,239	77,629	1,798	6,668	16,913	266,688	28.5	2.1	30.6	30.8	29.1	0.7	2.5	6.3	100.0
West Virginia	76,276	110	76,386	24,515	6,241	762	1,459	10,952	120,295	63.4	0.1	63.5	20.4	5.2	0.6	1.2	9.1	100.0
Total	676,737	16,052	692,789	330,121	441,883	44,435	24,623	39,240	1,373,111	43.0	1.0	44.0	21.0	28.1	2.8	1.6	2.5	100.0
Region IV																		
Alabama	73,814	4,528	78,342	64,378	16,965	6,872	20,161	894	187,612	39.3	2.4	41.7	34.3	9.0	3.7	10.8	0.5	100.0
Florida	36,371	9,162	45,533	178,267	28,221	440	24,501	--	277,162	13.2	3.3	16.5	64.3	10.2	0.2	8.8	--	100.0
Georgia	119,042	7,914	126,956	89,040	15,370	2,622	17,107	1,440	252,485	47.3	3.1	50.3	35.3	6.1	1.0	6.8	0.5	100.0
Kentucky	114,989	818	115,807	57,912	20,044	--	17,778	8,941	220,579	52.1	0.4	52.5	26.3	9.1	--	8.1	4.0	100.0
Mississippi	53,024	--	53,024	38,887	20,785	--	23,497	--	136,193	38.9	--	38.9	28.6	15.3	--	17.2	--	100.0
North Carolina	48,789	2,139	50,928	97,904	91,081	5,834	10,869	9,909	266,525	18.3	0.8	19.1	36.7	34.2	2.2	4.1	3.7	100.0
South Carolina	37,682	3,402	41,084	49,058	24,497	1,427	7,591	6,159	129,816	29.0	2.6	31.6	37.8	18.9	1.1	5.9	4.7	100.0
Tennessee	83,924	2,432	86,356	86,361	26,526	597	11,714	8,469	220,023	38.1	1.1	39.2	39.3	12.1	0.3	5.3	3.8	100.0
Total	567,835	30,495	598,330	661,807	243,439	17,792	133,217	35,812	1,690,397	33.6	1.8	35.4	39.2	14.4	1.0	7.9	2.1	100.0
Region V																		
Illinois	696,345	2,549	698,894	152,250	146,574	25,902	42,155	25,853	1,091,628	63.8	0.2	64.0	13.9	13.4	2.4	3.9	2.4	100.0
Indiana	229,224	1,501	230,725	77,224	109,248	3,477	31,704	13,262	465,640	49.2	0.3	49.5	16.6	23.4	0.8	6.8	2.9	100.0
Michigan	547,800	465	548,265	112,139	169,696	3,621	25,857	11,747	871,325	62.9	g/	62.9	12.9	19.5	0.4	3.0	1.3	100.0
Minnesota	148,223	30,825	179,048	46,219	94,947	2,320	30,139	7,922	360,595	41.1	g/	49.7	12.8	26.3	0.6	8.4	2.2	100.0
Ohio	637,130	2,758	639,888	153,182	109,808	1,987	22,199	37,824	964,868	66.0	0.3	66.3	15.9	11.4	0.2	2.3	3.9	100.0
Wisconsin	182,248	28,047	210,295	61,979	115,053	1,905	27,038	12,293	428,563	42.5	6.5	49.0	14.5	26.9	0.4	6.3	2.9	100.0
Total	2,440,970	66,145	2,507,115	602,993	745,326	39,212	179,092	108,901	4,182,639	58.4	1.6	60.0	14.4	17.8	0.9	4.3	2.6	100.0

1974 CONSUMPTION OF ENERGY BY STATIONARY USERS IN THE UNITED STATES
RESIDENTIAL AND COMMERCIAL SECTORS

EPA Region - State (1)	Volume (Billions of Btu's) ^{2/}									Percent Distribution by Fuel Type								
	Gas			Elec- tricity (5)	Fuel Oil		LPG (8)	Coal (9)	Total (10)	Gas			Elec- tricity (14)	Fuel Oil		LPG (17)	Coal (18)	Total (19)
	Firm (2)	Inter- mittent (3)	Total (4)		Distil- late (6)	Residual (7)				Firm (11)	Inter- mittent (12)	Total (13)		Distil- late (15)	Residual (16)			
Region VI																		
Arkansas	67,101	139	67,260	31,097	12,838	1,792	28,190	--	141,177	47.3	0.1	47.6	22.0	9.1	1.3	20.0	--	100.0
Louisiana	141,769	26,371	168,140	63,102	20,310	138	11,957	--	263,647	33.8	10.0	63.8	23.9	7.7	0.1	4.5	--	100.0
New Mexico	40,186	--	40,186	14,832	6,153	283	7,348	--	69,002	58.3	--	58.3	21.5	8.9	0.4	10.9	--	100.0
Oklahoma	110,903	3,197	116,100	46,898	11,795	57	24,949	99	199,898	35.3	2.6	38.1	23.5	5.9	g/	12.5	g/	100.0
Texas	337,060	--	337,060	231,869	74,353	2,427	56,672	25	704,606	47.9	--	47.9	32.9	10.6	0.3	8.3	g/	100.0
Total	697,019	31,727	728,746	387,798	125,649	4,697	131,316	124	1,378,330	50.6	2.3	52.9	28.2	9.1	0.3	9.5	g/	100.0
Region VII																		
Iowa	134,488	23,170	157,658	40,408	33,962	321	31,967	2,806	267,122	50.3	8.7	59.0	15.1	12.7	0.1	12.0	1.1	100.0
Kansas	130,061	12,127	142,188	37,346	6,826	295	20,873	99	207,827	62.6	5.8	68.4	18.1	3.3	0.1	10.0	0.1	100.0
Missouri	209,379	17,912	227,291	63,542	35,967	3,533	43,293	5,315	378,941	35.3	4.7	60.0	16.8	9.5	0.9	11.4	1.4	100.0
Nebraska	80,336	10,117	90,453	26,603	15,337	597	14,365	323	147,878	54.3	6.9	61.2	18.0	10.5	0.4	9.7	0.2	100.0
Total	534,264	63,326	617,590	168,099	92,292	4,746	110,498	8,543	1,001,768	53.3	6.3	61.6	16.8	9.2	0.5	11.0	0.9	100.0
Region VIII																		
Colorado	148,910	13,834	162,744	36,212	12,811	1,213	14,218	2,508	229,706	64.8	6.0	70.8	15.8	5.6	0.5	6.2	1.1	100.0
Montana	38,706	--	38,706	11,481	8,245	1,534	4,843	298	63,107	59.4	--	59.4	17.6	12.7	2.4	7.4	0.5	100.0
North Dakota	21,189	679	21,868	9,192	12,479	2,395	5,529	4,222	55,645	38.1	1.2	39.3	16.5	22.4	4.3	9.9	7.6	100.0
South Dakota	18,650	2,751	21,401	9,595	12,412	13	6,603	894	32,918	35.2	5.2	40.4	18.1	23.5	g/	16.3	1.7	100.0
Utah	60,194	7,587	67,783	15,265	12,022	2,446	3,099	8,816	109,431	35.0	6.9	61.9	14.0	11.0	2.2	2.8	8.1	100.0
Wyoming	21,940	808	22,748	7,602	6,620	924	4,313	820	43,027	31.0	1.9	32.9	17.7	15.4	2.1	10.0	1.9	100.0
Total	309,591	26,659	336,250	89,347	64,589	8,525	40,605	17,558	555,874	55.7	4.6	60.3	16.1	11.6	1.5	7.3	3.2	100.0
Region IX																		
Arizona	69,422	--	69,422	44,189	5,284	--	3,890	--	122,785	56.5	--	56.5	36.0	4.3	--	3.2	--	100.0
California	785,187	28,922	814,109	293,934	26,927	4,294	18,916	25	1,158,205	67.8	2.5	70.3	25.4	2.3	0.4	1.6	g/	100.0
Nevada	19,456	--	19,456	18,145	2,640	314	2,256	75	42,886	45.4	--	45.4	42.3	6.1	0.7	5.3	0.2	100.0
Total	874,065	28,922	902,987	356,268	34,851	4,608	25,062	100	1,323,876	66.0	2.2	68.2	26.9	2.6	0.3	1.9	g/	100.0
Region X																		
Idaho	16,351	811	17,162	22,557	17,644	1,358	3,708	4,594	67,023	24.4	1.2	25.6	33.7	26.3	2.0	5.5	6.9	100.0
Oregon	33,806	471	34,277	62,525	26,045	14,994	3,006	298	143,145	25.0	0.3	25.3	43.7	18.2	10.5	2.1	0.2	100.0
Washington	36,792	13,568	50,360	97,832	43,710	12,913	3,246	348	228,429	24.9	5.9	30.8	42.8	19.1	5.7	1.4	0.2	100.0
Total	106,949	14,850	121,819	182,914	87,399	29,265	9,960	5,240	438,597	24.8	3.4	28.2	41.7	19.9	6.7	2.3	1.2	100.0
Total 48 States (All EPA Regions)	7,102,261	295,002	7,397,263	3,219,774	3,216,123	206,769	687,904	219,144	14,946,977	47.5	2.0	49.5	21.5	21.5	1.4	4.6	1.5	100.0

1974 CONSUMPTION OF ENERGY BY STATIONARY USERS IN THE UNITED STATES
INDUSTRIAL SECTOR

EPA Region - State (1)	Volume (Billions of Btu's) ^{a/}								Percent Distribution by Fuel Type							
	Gas				Fuel Oil				Gas				Fuel Oil			
	Firm (2)	Inter- mittible (3)	Total (4)	Distillate (5)	Residual ^{b/} (6)	Coal ^{d/} (7)	LFO (8)	Total (9)	Firm (10)	Inter- mittible (11)	Total (12)	Distil- late (13)	Residual (14)	Coal (15)	LFO (16)	Total (17)
Region I																
Connecticut	14,125	2,728	16,853	5,121	66,806	1,540	1,885	92,205	15.3	3.0	18.3	5.6	72.4	1.7	2.0	100.0
Maine	440	111	551	2,132	57,872	1,291	316	62,162	0.7	0.2	0.9	3.4	93.1	2.1	0.3	100.0
Massachusetts	18,029	12,331	30,360	5,825	160,791	1,912	861	199,749	9.0	6.2	15.2	2.9	80.5	1.0	0.4	100.0
New Hampshire	509	377	886	571	14,127	224	205	16,013	3.2	2.3	5.5	3.6	88.2	1.4	1.3	100.0
Rhode Island	4,311	865	5,176	1,212	18,647	--	290	25,325	17.0	3.4	20.4	4.8	73.6	--	1.2	100.0
Vermont	422	1,042	1,464	652	3,201	99	70	3,486	7.7	19.0	26.7	11.9	58.3	1.8	1.3	100.0
Total	37,836	17,454	55,290	15,513	321,444	5,066	3,627	400,940	9.4	4.4	13.8	3.9	80.2	1.2	0.9	100.0
Region II																
New Jersey	37,398	30,781	68,179	15,329	149,870	3,527	3,731	240,836	15.3	12.8	28.3	6.4	62.2	1.3	1.6	100.0
New York	95,359	16,058	111,417	14,725	368,280	52,476	2,837	549,935	17.4	2.9	20.3	2.7	67.0	9.3	0.3	100.0
Total	132,957	46,839	179,796	30,254	518,150	56,003	6,568	790,771	16.8	5.9	22.7	3.9	65.5	7.1	0.8	100.0
Region III																
Delaware	3,422	2,205	5,627	2,231	17,805	571	165	26,399	13.0	8.3	21.3	8.4	67.5	2.2	0.6	100.0
District of Columbia,																
Maryland	25,487	34,787	60,274	8,574	66,567	22,004	832	158,251	16.1	22.0	38.1	5.4	42.1	13.9	0.3	100.0
Pennsylvania	322,105	30,470	352,575	24,738	169,309	143,670	5,209	695,501	46.3	4.4	50.7	3.6	24.3	20.7	0.7	100.0
Virginia	31,364	20,744	52,108	11,382	57,430	59,306	1,451	181,697	17.3	11.4	28.7	6.3	31.6	32.6	0.8	100.0
West Virginia	76,509	1,211	77,720	4,823	2,653	110,193	2,555	197,944	38.7	0.6	39.3	2.4	1.3	55.7	1.3	100.0
Total	458,887	89,417	548,304	51,748	313,784	335,744	10,212	1,259,792	36.4	7.1	43.5	4.1	24.9	26.7	0.8	100.0
Region IV																
Alabama	92,806	90,998	183,804	8,190	20,345	59,604	943	273,086	34.0	33.3	67.3	3.0	7.5	21.8	0.4	100.0
Florida	25,091	61,841	86,932	9,291	61,575	--	1,131	158,929	15.8	38.9	54.7	5.9	38.7	--	0.7	100.0
Georgia	47,510	117,552	165,062	10,386	51,339	7,600	804	235,191	20.2	50.0	70.2	4.5	21.8	3.2	0.3	100.0
Kentucky	58,790	18,374	77,164	6,699	11,907	52,799	2,463	151,032	38.9	12.2	51.1	4.4	7.9	35.0	1.6	100.0
Mississippi	83,243	24,606	107,849	4,526	9,399	1,217	1,928	124,919	66.6	19.7	86.3	3.6	7.5	1.0	1.6	100.0
North Carolina	36,713	46,877	83,590	12,116	49,403	37,973	2,224	185,306	19.8	25.3	45.1	6.5	26.7	20.3	1.2	100.0
South Carolina	18,341	61,609	79,950	6,134	20,628	33,651	1,646	142,009	12.9	43.4	56.3	4.3	14.5	23.7	1.2	100.0
Tennessee	108,122	50,915	159,037	8,458	4,488	54,215	604	226,802	47.7	22.4	70.1	3.7	2.0	23.9	0.3	100.0
Total	470,616	472,772	943,388	65,800	229,284	247,059	11,743	1,497,274	31.4	31.6	63.0	4.4	15.3	16.5	0.8	100.0
Region V																
Illinois	340,484	38,371	378,855	16,939	113,455	110,764	6,833	626,846	54.3	6.1	60.4	2.7	18.1	17.7	1.1	100.0
Indiana	233,872	33,224	267,096	15,052	94,418	117,345	1,056	495,767	47.2	6.7	53.9	3.0	19.0	23.7	0.4	100.0
Michigan	268,700	78,834	347,534	14,411	23,721	113,223	1,606	500,495	53.7	15.8	69.5	2.9	4.7	22.6	0.3	100.0
Minnesota	54,188	44,298	98,486	5,300	27,638	24,909	2,785	159,118	34.1	27.8	61.9	3.3	17.4	15.7	1.7	100.0
Ohio	401,434	34,484	435,918	34,088	31,838	286,919	2,879	791,642	50.7	4.4	55.1	4.3	4.0	38.2	0.4	100.0
Wisconsin	52,568	84,095	136,663	3,344	7,644	58,437	3,956	210,044	25.0	40.1	65.1	1.6	3.6	27.8	1.9	100.0
Total	1,351,246	313,306	1,664,552	89,134	298,714	711,597	19,915	2,783,912	48.5	11.3	59.8	3.2	10.7	25.6	0.7	100.0

1974 CONSUMPTION OF ENERGY BY STATIONARY USERS IN THE UNITED STATES
INDUSTRIAL SECTOR

EPA Region - State (1)	Volume (Billions of Btu's) ^{a/}								Percent Distribution by Fuel Type							
	Gas		Total (4)	Fuel Oil		Coal ^{d/} (7)	LPG (8)	Total (9)	Gas		Total (12)	Fuel Oil		Coal (15)	LPG (16)	Total (17)
	Firm (2)	Inter- mittible (3)		Distillate (5)	Residual ^{e/} (6)				Firm (10)	Inter- mittible (11)		Distillate Late (13)	Residual (14)			
Region VI																
Arkansas	193,163	11,742	204,905	4,544	21,143	2,856	1,418	234,866	82.3	5.0	87.3	1.9	9.0	1.2	0.6	100.0
Louisiana	1,123,764	17,443	1,141,207	26,993	21,935	--	12,749	1,202,884	93.4	1.5	94.9	2.2	1.8	--	1.1	100.0
New Mexico	31,002	1,160	32,162	3,985	5,482	174	796	42,599	72.8	2.7	75.5	9.3	12.9	0.4	1.9	100.0
Oklahoma	56,206	87,727	143,933	8,225	6,432	4,396	2,915	165,901	33.9	52.9	86.8	5.0	3.9	2.6	1.7	100.0
Texas	2,120,410	217,371	2,337,781	35,842	56,388	58,685	5,315	2,494,011	85.0	8.7	93.7	1.4	2.3	2.4	0.2	100.0
Total	3,524,545	335,443	3,859,988	79,589	111,380	66,111	23,193	4,140,261	85.1	8.1	93.2	1.9	2.7	1.6	0.6	100.0
Region VII																
Iowa	70,788	46,854	117,642	3,629	3,338	32,509	2,959	160,077	44.2	29.3	73.5	2.3	2.1	20.3	1.8	100.0
Kansas	43,609	96,434	140,043	4,910	8,299	3,551	1,600	158,603	27.6	60.6	88.4	3.1	5.2	2.3	1.0	100.0
Missouri	38,334	53,310	91,644	6,687	9,833	39,662	1,861	149,687	25.6	35.6	61.2	4.5	6.6	26.3	1.2	100.0
Nebraska	28,837	26,175	55,010	2,563	1,786	7,922	1,452	60,733	42.0	38.1	80.1	3.7	2.6	11.5	2.1	100.0
Total	181,768	222,771	404,539	17,789	23,256	83,644	7,872	537,100	33.8	41.5	75.3	3.3	4.3	15.6	1.5	100.0
Region VIII																
Colorado	22,293	31,666	53,959	3,448	12,121	12,442	252	82,222	27.1	38.5	65.6	4.2	14.8	15.1	0.3	100.0
Montana	3,450	34,260	37,710	6,553	11,970	1,391	478	50,102	5.9	59.0	64.9	11.3	20.6	2.4	0.8	100.0
North Dakota	35	2,885	2,920	675	4,975	8,096	511	17,175	0.2	16.8	17.0	3.9	29.0	47.1	3.0	100.0
South Dakota	287	6,993	7,280	256	377	99	355	8,287	2.3	84.4	86.9	3.1	4.5	1.2	4.3	100.0
Utah	2,830	45,060	47,890	8,650	22,714	15,572	546	95,372	3.0	47.2	50.2	9.1	23.8	16.3	0.6	100.0
Wyoming	11,569	36,049	47,618	4,934	9,676	12,095	526	74,849	15.4	48.2	63.6	6.6	12.9	16.2	0.7	100.0
Total	40,384	156,913	197,297	24,516	61,831	49,695	2,668	336,007	12.0	46.7	58.7	7.3	18.4	14.8	0.8	100.0
Region IX																
Arizona	59,777	--	59,777	14,778	1,829	273	88	76,745	77.9	--	77.9	19.2	2.4	0.4	0.1	100.0
California	88,603	496,682	585,285	39,448	103,220	894	14,488	734,335	12.1	67.6	79.7	4.1	14.1	0.1	2.0	100.0
Nevada	12,568	--	12,568	2,021	390	3,179	378	18,536	67.8	--	67.8	10.9	2.1	17.2	2.0	100.0
Total	160,948	496,682	657,630	47,247	105,439	4,346	14,954	829,616	19.4	59.9	79.3	5.7	12.7	0.5	1.8	100.0
Region I																
Idaho	21,672	9,313	30,985	4,060	2,244	8,543	285	46,117	47.0	20.2	67.2	8.8	4.9	18.5	0.6	100.0
Oregon	30,213	27,938	58,151	11,720	24,639	3,576	463	98,549	30.7	28.3	59.0	11.9	25.0	3.6	0.5	100.0
Washington	34,302	69,517	103,819	11,924	43,431	6,805	320	166,299	20.6	41.8	62.4	7.2	26.1	4.1	0.2	100.0
Total	86,187	106,768	192,955	27,704	70,314	18,924	1,068	310,965	27.7	34.4	62.1	8.9	22.6	6.1	0.3	100.0
Total 48 States (All EPA Regions)	6,445,374	2,258,365	8,703,739	449,294	2,053,596	1,578,189	101,820	12,886,638	50.0	17.5	67.5	3.5	15.9	12.3	0.8	100.0

1974 CONSUMPTION OF ENERGY BY STATIONARY USERS IN THE UNITED STATES
ELECTRIC UTILITY SECTOR

EPA Region - State (1)	Volume (Billions of Btu's) ^{a/}											Percent Fossil Fuels						
	Gas			Fuel Oil			Total Fossil Fuel (8)	Electricity			Total (12)	Gas			Fuel Oil			
	Firm (2)	Inter- mittible (3)	Total (4)	Distillate (5)	Residual (6)	Coal (7)		Nuclear (9)	Hydro (10)	Total (11)		Firm (13)	Inter- mittible (14)	Total (15)	Distil- late (16)	Residual (17)	Coal (18)	Total (19)
Region I																		
Connecticut	--	560	560	2,808	168,378	4,039	175,785	84,960	4,384	89,344	265,129	--	0.3	0.3	1.6	95.8	2.3	100.0
Maine	--	--	--	577	25,035	--	25,612	38,099	18,243	56,342	81,954	--	--	--	2.3	97.7	--	100.0
Massachusetts	--	7,055	7,055	5,272	232,173	19,739	264,239	30,754	3,730	34,484	298,723	--	2.7	2.7	2.0	87.8	7.5	100.0
New Hampshire	--	357	357	513	14,221	20,240	35,331	--	13,423	13,423	48,754	--	1.0	1.0	1.5	40.2	57.3	100.0
Rhode Island	--	1,759	1,759	303	11,857	739	14,658	--	42	42	14,700	--	12.0	12.0	2.1	80.9	5.0	100.0
Vermont	--	1,298	1,298	722	6	806	2,832	26,458	9,558	36,016	38,848	--	45.8	45.8	25.5	0.2	28.5	100.0
Total	--	11,029	11,029	10,193	451,670	43,363	518,457	180,271	49,380	299,651	748,108	--	2.1	2.1	2.0	87.1	8.8	100.0
Region II																		
New Jersey	--	15,347	15,347	55,448	204,252	67,768	342,815	39,154	(2,961)	36,193	379,008	--	4.5	4.5	16.2	59.6	19.7	100.0
New York	112	43,924	44,036	41,561	509,838	146,324	741,759	98,850	297,531	396,381	1,138,140	N/	6.0	6.0	9.6	68.7	19.7	100.0
Total	112	59,271	59,383	97,009	714,090	214,092	1,084,574	138,004	294,570	432,574	1,517,148	N/	5.5	5.5	9.0	65.8	19.7	100.0
Region III																		
Delaware	--	--	--	2,085	47,850	20,780	70,715	--	--	--	70,715	--	--	--	2.9	67.7	29.4	100.0
District of Columbia	--	--	--	1,800	22,061	6,498	30,359	--	10	10	30,369	--	--	--	5.9	72.7	21.4	100.0
Maryland	--	13,428	13,428	14,632	162,758	91,543	282,363	--	17,557	17,557	299,920	--	4.8	4.8	5.2	57.6	32.4	100.0
Pennsylvania	4,111	2,339	6,450	42,062	107,740	762,172	918,424	74,599	14,451	89,050	1,007,474	0.4	0.3	0.7	4.4	11.7	83.0	100.0
Virginia	--	1,380	1,380	10,788	165,211	97,016	272,395	63,459	10,856	74,315	346,910	--	0.6	0.6	3.9	59.9	35.6	100.0
West Virginia	35	43	78	827	7,142	554,493	562,540	--	4,956	4,956	567,496	N/	N/	N/	0.1	2.5	98.6	100.0
Total	4,146	17,390	21,536	72,194	510,762	1,532,504	2,136,996	138,058	47,830	185,888	2,322,884	0.2	0.8	1.0	3.6	23.9	71.7	100.0
Region IV																		
Alabama	2,307	2,819	5,126	4,485	--	395,165	404,776	67,041	107,464	174,505	579,281	0.6	0.7	1.3	1.1	--	97.6	100.0
Florida	119,619	32,237	151,856	26,049	396,521	139,148	713,574	83,969	2,618	86,587	800,161	16.8	4.5	21.3	3.6	55.6	19.5	100.0
Georgia	--	44,338	44,338	26,416	25,356	253,147	347,257	458	37,463	37,921	385,178	--	12.8	12.8	7.6	6.7	72.9	100.0
Kentucky	1,036	5,365	6,401	495	1,182	504,533	512,611	--	39,302	39,302	547,913	0.2	1.1	1.3	0.1	0.2	98.4	100.0
Mississippi	27,877	8,215	36,092	28,915	32,692	31,682	129,381	--	--	--	129,381	21.6	6.3	27.9	22.3	25.3	24.3	100.0
North Carolina	3	1,123	1,126	4,788	30,083	435,194	471,191	--	71,549	71,549	542,740	N/	0.2	0.2	1.0	6.4	92.4	100.0
South Carolina	--	20,918	20,918	4,456	35,583	106,425	165,384	117,868	39,458	153,326	318,710	--	12.6	12.6	2.7	20.3	64.4	100.0
Tennessee	--	--	--	2,313	--	402,820	405,133	--	122,247	122,247	527,380	--	--	--	0.6	--	99.4	100.0
Total	150,842	115,015	265,857	97,917	517,419	2,268,114	3,149,307	269,336	412,101	681,437	3,830,744	4.8	3.7	8.5	3.1	16.4	72.0	100.0
Region V																		
Illinois	36,417	4,358	40,775	39,639	35,786	704,322	820,522	208,851	1,101	209,952	1,030,474	4.3	0.5	5.0	4.8	4.4	85.8	100.0
Indiana	13,663	32	13,695	15,821	516	556,491	586,523	--	4,623	4,623	591,146	2.3	N/	2.3	2.7	0.1	94.9	100.0
Michigan	10,848	13,819	24,667	21,547	61,587	451,305	559,106	4,435	10,908	15,343	574,449	1.9	2.5	4.4	5.9	11.0	80.7	100.0
Minnesota	3,846	42,069	45,915	5,033	3,910	176,169	231,027	46,310	7,646	54,156	285,183	1.7	18.2	19.9	2.2	1.7	76.2	100.0
Ohio	10,008	287	10,295	19,211	15,378	973,055	1,017,939	--	104	104	1,018,043	1.0	N/	1.0	1.9	1.5	95.6	100.0
Wisconsin	8,448	28,151	34,599	4,188	1,138	207,317	247,242	88,009	17,724	105,733	352,975	2.6	11.4	14.0	1.7	0.5	83.8	100.0
Total	81,230	88,716	169,946	105,439	118,315	3,068,659	3,462,359	347,805	42,106	389,911	3,852,270	2.3	2.6	4.9	3.1	3.4	88.6	100.0

1974 CONSUMPTION OF ENERGY BY STATIONARY USERS IN THE UNITED STATES
ELECTRIC UTILITY SECTOR

EPA Region - State (1)	Volume (Billions of Btu's) ^{a/}										Percent Fossil Fuels							
	Gas		Fuel Oil		Coal		Total Fossil Fuel (8)	Electricity		Gas		Fuel Oil		Coal		Total (19)		
	Firm (2)	Intermittible (3)	Total (4)	Distillate (5)	Residual (6)	Coal (7)		Nuclear (9)	Hydro (10)	Total (11)	Total (12)	Firm (13)	Intermittible (14)	Total (15)	Distillate (16)		Residual (17)	Coal (18)
Region VI																		
Arkansas	108,275	4	108,279	2,021	40,998	--	151,298	3,848	44,288	48,136	199,434	71.6	g/	71.6	1.3	27.1	--	100.0
Louisiana	360,987	53,711	414,698	22,502	34,258	--	471,458	--	--	--	471,458	76.3	11.4	87.9	4.8	7.3	--	100.0
New Mexico	29,686	17,362	47,048	5,575	2,345	172,274	227,242	--	769	769	228,011	13.1	7.6	20.7	2.5	1.0	75.8	100.0
Oklahoma	289,547	14,291	303,838	1,194	898	13	305,938	--	37,296	37,296	343,234	94.6	4.7	99.3	0.4	0.3	g/	100.0
Texas	1,027,415	241,827	1,269,242	29,940	34,748	112,987	1,446,917	--	16,944	16,944	1,463,861	71.0	16.7	87.7	2.1	2.4	7.0	100.0
Total	1,813,910	327,195	2,141,105	61,232	113,242	285,274	2,402,853	3,848	99,297	103,145	2,705,998	69.8	12.5	82.3	2.4	4.3	11.0	100.0
Region VII																		
Iowa	1,453	59,980	61,433	4,252	289	102,628	168,602	9,924	9,246	19,170	187,772	0.9	35.5	36.4	2.5	0.2	60.9	100.0
Kansas	7,919	156,168	164,087	7,089	7,643	39,250	218,109	--	73	73	218,182	3.6	71.6	75.2	3.3	3.3	18.0	100.0
Missouri	2,946	46,648	49,594	3,953	497	337,669	391,715	--	17,796	17,796	409,511	0.8	11.9	12.7	1.0	0.1	86.2	100.0
Nebraska	--	47,057	47,057	2,050	3,037	26,706	70,650	42,597	15,433	56,030	134,880	--	59.7	59.7	2.6	3.8	33.9	100.0
Total	12,318	309,853	322,171	17,346	11,506	506,253	857,276	52,521	40,548	93,069	950,345	1.4	36.2	37.6	2.0	1.3	59.1	100.0
Region VIII																		
Colorado	19,683	44,130	63,813	2,359	3,955	103,058	173,185	--	14,690	14,690	187,875	11.3	25.5	36.8	1.4	2.3	59.5	100.0
Montana	300	609	1,109	285	19	18,850	19,993	--	101,033	101,033	121,026	2.5	3.1	5.6	1.4	0.1	92.9	100.0
North Dakota	--	57	57	116	101	113,068	113,342	--	28,352	28,352	141,694	--	g/	g/	0.1	0.1	99.8	100.0
South Dakota	--	3,615	3,615	146	472	8,821	13,054	--	58,428	58,428	71,482	--	27.7	27.7	1.1	3.6	67.6	100.0
Utah	--	3,285	3,285	64	792	28,174	32,315	--	9,776	9,776	42,091	--	10.2	10.2	0.2	2.4	87.2	100.0
Wyoming	--	--	--	140	1,062	127,114	128,316	--	14,659	14,659	142,975	--	--	--	0.1	0.8	99.1	100.0
Total	20,183	51,696	71,879	3,110	6,401	398,815	480,205	--	226,938	226,938	707,143	4.2	10.8	15.0	0.6	1.3	83.1	100.0
Region IX																		
Arizona	63,719	--	63,719	14,423	40,960	48,268	167,370	--	76,806	76,806	244,176	38.1	--	38.1	8.6	24.3	28.8	100.0
California	6,529	274,266	280,795	3,652	443,944	--	728,591	30,498	482,257	512,753	1,241,146	0.9	37.7	38.6	0.5	60.9	--	100.0
Nevada	31,719	--	31,719	810	3,590	94,211	130,330	--	18,633	18,633	146,963	24.3	--	24.3	0.6	2.8	72.3	100.0
Total	101,967	274,266	376,233	18,885	488,494	142,479	1,026,091	30,498	575,696	606,194	1,632,285	10.0	26.7	36.7	1.8	47.6	13.9	100.0
Region X																		
Idaho	--	--	--	291	--	--	291	--	100,628	100,628	100,919	--	--	--	100.0	--	--	100.0
Oregon	266	--	266	5,050	--	--	5,316	--	373,630	373,630	378,946	5.0	--	5.0	95.0	--	--	100.0
Washington	--	--	--	47	427	63,611	64,085	41,467	855,056	896,523	960,608	--	--	--	0.1	0.7	99.2	100.0
Total	266	--	266	5,388	427	63,611	69,692	41,467	1,329,314	1,370,781	1,440,473	0.4	--	0.4	7.7	0.6	91.3	100.0
Total 48 States (All EPA Regions)	2,186,974	1,254,431	3,441,405	488,715	2,932,326	8,525,364	15,387,810	1,201,808	3,117,780	4,319,588	19,707,398	14.2	8.2	22.4	3.2	19.0	55.4	100.0

1974 CONSUMPTION OF ENERGY BY STATIONARY USERS IN THE UNITED STATES

(Footnotes)

- a/ Source of Btu contents: Gas - Gas Requirements Committee, Future Gas Consumption of the United States; Volume 6, December 1975; Coal - U.S. Bureau of Mines: Coal - Bituminous and lignite in 1974 and National Coal Association: Steam - Electric Plant Factors/1975 Edition all other fuels - U.S. Bureau of Mines: Petroleum Statement, Annual: 1974.

BTU Contents:

Gas: 1,000 Btu/cu. ft.
Electricity: 3,412 Btu/Kwh.
Kerosene: 5,670,000 Btu/Barrel
Distillate Fuel Oil: 5,825,000 Btu/Barrel
Residual Fuel Oil: 6,287,000 Btu/Barrel
LPG: 95,500 Btu/gallon
Coal (Industrial and Residential - Commercial): 24,835 Btu/short ton
Utility Coal: 21,744 Btu/short ton
Hydropower: 10,389 Btu/Kwh
Nuclear Power: 10,660 Btu/Kwh

- b/ Includes Kerosene, Nos. 1, 2, and 4 Heating oils. For the forty eight states: Kerosene is 11.3%; No. 1 is 7.2%; No. 2 is 77.1%; No. 4 is 4.4%.
c/ No. 5 heating oil.
d/ Estimates of coal distribution by states did not add to the national consumption total and were adjusted proportionately.
e/ Includes No. 6 heating oil and all other residual type oils sold to industrial customers and oil companies.
f/ Excludes coking coal, coal chemicals, and coal utilized for transportation.
g/ Equal to or less than 0.05 percent.

Data sources:

Gas: Gas Requirements Committee, Future Gas Consumption of the United States; Volume 6, December 1975.
Electricity: Edison Electric Institute, Statistical Yearbook of the Electric Utility Industry for 1974.
Fuel Oil: U.S. Bureau of Mines, Sales of Fuel Oil and Kerosene in 1974.
LPG: U.S. Bureau of Mines, Sales of LPG and Ethane in 1974.
Coal: Residential-Commercial and Industrial sectors: U.S. Bureau of Mines, Coal-Bituminous and Lignite in 1974, and Department of the Interior News Release dated April 5, 1976.
Electric Utility sector - Federal Power Commission News release dated June 5, 1975.

RESERVES ADDITIONS, NET PRODUCTION AND TOTAL PROVED RESERVES
OF NATURAL GAS IN THE LOWER 48 STATES^{a/}

1947 - 1974

(Volumes in Billions of Cubic Feet at 14.73 Psia)

Year (1)	Reserves Additions (2)	Net Production (3)	Finding-Production Ratio		Total Reserves, End of Year ^{c/} (6)	Reserves-to- Production Ratio (7)
			Annual (4)	Three-Year Moving Average ^{b/} (5)		
1947	10,921	5,599	1.95		165,026	29.5
1948	13,823	5,975	2.31	2.10	172,925	28.9
1949	12,606	6,211	2.03	2.02	179,402	28.9
1950	11,985	6,855	1.75	1.93	184,585	26.9
1951	15,966	7,924	2.01	1.81	192,759	24.3
1952	14,268	8,593	1.66	1.97	198,632	23.1
1953	20,342	9,188	2.21	1.63	210,299	22.9
1954	9,547	9,375	1.02	1.81	210,561	22.5
1955	21,898	10,063	2.18	1.85	222,483	22.1
1956	24,716	10,849	2.28	2.06	236,483	21.8
1957	20,008	11,440	1.75	1.89	245,230	21.4
1958	18,897	11,423	1.65	1.69	252,762	22.1
1959	20,621	12,373	1.67	1.45	261,113	21.1
1960	13,844	13,019	1.06	1.31	262,219	20.1
1961	16,350	13,377	1.22	1.22	265,352	19.8
1962	18,768	13,634	1.38	1.28	270,645	19.9
1963	18,104	14,541	1.25	1.31	274,461	18.9
1964	20,105	15,341	1.31	1.29	279,420	18.2
1965	21,158	16,245	1.30	1.23	284,484	17.5
1966	19,246	17,478	1.10	1.18	286,386	16.4
1967	21,093	18,358	1.15	0.95	289,272	15.8
1968	12,038	19,332	0.62	0.71	282,098	14.6
1969	8,338	20,636	0.40	0.51	269,907	13.1
1970	11,123	21,816	0.51	0.45	259,616	11.9
1971	9,437	21,923	0.43	0.45	247,440	11.3
1972	9,398	22,365	0.42	0.38	234,629	10.5
1973	6,507	22,475	0.29	0.37	218,308	9.7
1974	8,311	21,175	0.39	0.39	205,266	9.7
1975	10,143	19,563	0.52		196,149	10.0

a/ Excludes Alaska where reported separately. In 1975 total gas reserves in Alaska amounted, as of December 31, to 32,051 billion cubic feet and production amounted to 155 billion cubic feet.

b/ Based on three-year moving averages of the data in Columns (1) and (2) centered on the middle year.

c/ Includes reserves held in underground storage which amounted to 4,241 billion cubic feet at the end of 1975, a net increase of 303 billion cubic feet over 1974.

Source: Reports by the American Gas Association Committee on Natural Gas Reserves.

WITHDRAWALS, RESERVES ADDITIONS AND PROVED RESERVES
OF NATURAL GAS OWNED OR CONTRACTED BY INTERSTATE PIPELINE
COMPANIES IN THE UNITED STATES

1963 - 1975

(Volumes in Trillions of Cubic Feet at 14.73 Psia)

<u>Year</u>	<u>Reserves Additions</u> (1)	<u>Withdrawals</u> (2)	<u>Finding- Production Ratio</u> (3)	<u>Total Reserves, End of Year</u> (4)	<u>Reserves-to- Production Ratio</u> (5)
1963	n.a.	9.4	n.a.	188.5	20.1
1964	10.6	10.0	1.1	189.2	18.9
1965	13.3	10.4	1.3	192.1	18.5
1966	14.2	11.1	1.3	195.1	17.6
1967	14.8	11.8	1.2	198.1	16.8
1968	9.5	12.6	0.8	195.0	15.5
1969	6.1	13.4	0.5	187.6	14.0
1970	0.04	14.1	<u>n/</u>	173.6	12.3
1971	2.0	14.2	0.1	161.3	11.4
1972	(0.2)	14.2	<u>n/</u>	146.9	10.3
1973	1.1	13.7	0.1	134.3	9.8
1974	(0.8)	13.0	(0.1)	120.5	9.3
1975	(0.1)	12.1	<u>n/</u>	108.4	9.0

n.a. - not available.

n/ - negligible.

Source: Data for 1963-1974; The Gas Supplies of Interstate Natural Gas Pipeline Companies, 1974, Table 5.

Data for 1975: Federal Power Commission, News Release No. 22366, May 20, 1976.

NATURAL GAS PRODUCTION IN MAJOR PRODUCING AREAS
LOWER 48 STATES ^{a/}

1960, 1965, 1970 and 1975

(Volumes in Billions of Cubic Feet at 14.73 Psia)

Producing Areas	1960	1965	1970	1975	Annual Average Growth Rate				Percent of Lower 48 States Production			
					1960-1970	1960-1965	1965-1970	1970-1975	1960	1965	1970	1975
South Louisiana												
Onshore	2,216	3,278	5,103	3,569	8.7	8.1	9.3	(6.9)	17.0	20.2	23.4	18.2
Outer Continental Shelf	272	730	2,223	3,284	23.4	21.8	24.9	8.1	2.1	4.5	10.2	16.8
Total	2,488	4,008	7,326	6,853	11.4	10.0	12.8	(1.3)	19.1	24.7	33.6	35.0
Permian Basin	1,445	1,716	2,765	2,813	6.7	3.5	10.0	0.3	11.1	10.6	12.7	14.4
Texas Gulf Coast	3,034	3,590	4,047	3,180	2.9	3.4	2.4	(4.7)	23.3	22.1	18.5	16.2
Hugoton-Anadarko	2,045	2,687	3,300	3,259	4.6	5.6	4.2	(0.3)	15.7	16.5	15.1	16.7
Other Southwest	2,242	2,172	2,134	1,437	(0.4)	(0.5)	(0.3)	(7.6)	17.2	13.4	9.8	7.3
Rocky Mountain	787	991	1,107	1,127	3.5	4.7	2.2	0.4	6.1	6.1	5.1	5.8
California	498	622	634	332	2.4	4.5	0.4	(12.1)	3.8	3.8	2.9	1.7
All Other	480	459	503	562	0.5	(0.8)	1.9	2.2	3.7	2.8	2.3	2.9
Lower 48 States	13,019	16,245	21,816	19,563	5.3	4.5	6.1	(2.2)	100.0	100.0	100.0	100.0

^{a/} Excludes Alaska.

Source: Reports by American Gas Association Committee on Natural Gas Reserves.

RESERVES ADDITIONS, PRODUCTION AND FINDING-TO-PRODUCTION RATIOS
IN MAJOR PRODUCING AREAS OF THE LOWER 48 STATES a/
1968-1975 Annual Averages Compared With 1960-1967 Annual Averages
(Volumes in Billions of Cubic Feet at 14.73 Psia)

Producing Areas (1)	Reserves Added				Production (Volumes)		Finding-to-Production Ratios	
	1960-1967 Average	Percent of Total	1968-1975 Average	Percent of Total	1960-1967 Average	1968-1975 Average	1960-1967 Average	1968-1975 Average
	Volume (2)	(3)	Volume (4)	(5)	(6)	(7)	(8)	(9)
South Louisiana								
Onshore	4,506	24.2	1,076	11.4	2,979	4,691	1.5	0.2
Offshore	<u>555</u>	<u>13.8</u>	<u>3,334</u>	<u>35.4</u>	<u>652</u>	<u>2,565</u>	<u>3.9</u>	<u>1.3</u>
Total	7,061	38.0	4,410	46.9	3,631	7,256	1.9	0.6
Permian Basin	2,551	13.7	1,316	14.0	1,597	2,816	1.6	0.5
Texas Gulf Coast	3,737	20.1	(546)	(5.8)	3,382	3,788	1.1	<u>b/</u>
Hugoton-Anadarko	1,492	8.0	1,878	20.0	2,500	3,240	0.6	0.6
Other Southwest	2,183	11.8	541	5.7	2,190	1,868	1.0	0.3
Rocky Mountain	541	2.9	795	8.4	896	1,155	0.6	0.7
California	483	2.6	234	2.5	598	531	0.8	0.4
All Other	<u>536</u>	<u>2.9</u>	<u>785</u>	<u>8.3</u>	<u>455</u>	<u>505</u>	<u>1.2</u>	<u>1.6</u>
Lower 48 States	18,584	100.0	9,413	100.0	15,249	21,159	1.2	0.4

a/ Excludes Alaska.

b/ Negative.

Source: Reports by American Gas Association Committee on Natural Gas Reserves.

NUMBER OF WELLS DRILLED BY TYPE OF WELL
LOWER 48 STATES a/

1960 - 1975

WORLD OIL

Year	Productive Wells				Dry Holes		Total Wells	
	Oil Wells		Gas Wells					
	Wildcat	Total	Wildcat	Total	Wildcat	Total	Wildcat	Total
1960	563	22,245	321	5,146	8,214	18,205	9,098	45,596
1961	517	21,410	290	5,482	7,523	17,313	8,330	44,205
1962	484	21,719	260	5,349	7,102	17,053	7,846	44,121
1963	497	20,129	238	4,565	7,035	16,748	7,770	41,442
1964	532	19,903	241	4,691	7,383	17,678	8,156	42,272
1965	422	18,055	200	4,472	6,870	16,220	7,492	38,747
1966	430	16,201	250	4,317	6,297	15,162	6,977	35,680
1967	420	15,040	172	3,598	5,405	12,922	5,997	31,560
1968	386	13,908	141	3,321	6,079	12,932	6,606	30,161
1969	443	13,153	228	3,637	6,406	13,049	7,077	29,839
1970	355	12,359	209	3,222	5,377	11,122	5,941	26,703
1971	342	11,484	223	3,398	5,127	10,443	5,692	25,325
1972	407	11,129	326	4,774	5,584	11,159	6,317	27,062
1973	378	9,543	432	5,892	4,725	10,008	5,535	25,441
1974	433	13,701	481	7,031	5,804	11,859	6,722	32,591
1975	509	16,593	521	7,434	5,978	13,185	7,008	37,209

AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Year	Oil Wells		Gas Wells		Dry Holes		Total Wells	
	Explora-	Total	Explora-	Total	Explora-	Total	Explora-	Total
	tory		tory		tory		tory	
1960	1,320		866		9,509		11,695	
1961	1,155		808		8,996		10,959	
1962	1,211	NOT	769	NOT	8,793	NOT	10,773	NOT
1963	1,312	REPORTED	663	REPORTED	8,673	REPORTED	10,648	REPORTED
1964	1,215		575		8,937		10,727	
1965	938		513		7,993		9,444	
1966	1,025	16,432	574	4,162	8,676	15,740	10,275	36,336
1967	1,039	15,167	553	3,553	7,433	13,503	9,025	32,223
1968	860	14,150	429	3,378	7,572	12,967	8,861	30,495
1969	1,084	14,330	616	4,072	7,989	13,722	9,689	32,124
1970	767	12,953	480	3,835	6,386	11,220	7,633	28,008
1971	650	11,831	437	3,829	5,830	10,159	6,917	25,819
1972	684	11,294	600	4,926	6,242	11,045	7,526	27,265
1973	617	9,882	899	6,382	5,936	10,294	7,452	26,558
1974	812	12,778	1,192	7,239	6,603	11,673	8,607	31,690
1975	966	16,396	1,168	7,579	7,058	13,244	9,192	37,219

a/ Excluding Alaska.

Source: World Oil, Forecast Review issues; American Association of Petroleum Geologists, June Bulletins; American Petroleum Institute, Quarterly Review of Drilling Statistics.

NON-ASSOCIATED GAS RESERVES ADDED
PER GAS AND CONDENSATE FOOT DRILLED

United States, Excluding Alaska
1947 - 1975

Year	Estimated Reserves Added (Bcf at 14.65 Psia) (1)	Gas and Condensate Footage Drilled (000 Feet) (2)	Reserves Added Per Foot Drilled	
			Annual (Col. (1)÷ Col. (2)) (3)	5-Year Moving Average (4)
1947	6,463	13,249	488	
1948	7,485	12,500	599	
1949	6,846	12,860	532	
1950	9,065	14,003	647	
1951	8,470	14,508	584	571
1952	9,621	16,070	599	593
1953	15,368	19,473	789	642
1954	5,632	19,887	283	574
1955	12,747	19,589	651	579
1956	15,305	22,593	677	601
1957	16,207	24,226	669	617
1958	17,389	25,385	685	602
1959	15,084	26,512	569	649
1960	11,512	28,215	408	595
1961	14,385	29,256	492	558
1962	17,347	28,921	600	548
1963	13,347	24,495	545	522
1964	17,337	25,586	678	542
1965	18,394	24,854	740	607
1966	16,224	25,600	634	638
1967	17,378	21,440	811	678
1968	12,402	20,089	617	695
1969	6,913	21,645	319	628
1970	9,402	19,806	475	574
1971	8,612	20,042	430	531
1972	7,638	26,571	287	416
1973	3,737	32,974	113	300
1974	6,722	39,430	170	260
1975	10,001	41,984	238	228

Source: Col. (1) - 1947-1965 derived from Estimated Proved Recoverable Reserves of Natural Gas in the United States, as reported by the Committee on Natural Gas Reserves of the American Gas Association and Minerals Yearbooks, Bureau of Mines. 1966-1973 reported by The American Gas Association.

Col. (2) - World Oil, Annual Forecast-Review issues.

Col. (4) - Computed from moving averages of data in Cols. (1) and (2).

COMPARISON OF FORECASTS OF GAS PRODUCTION
IN THE LOWER 48 STATES

1975, 1980 and 1985

(Trillions of Cubic Feet)

	Actual	Forecast		
	1975	1975	1980	1985
FPC Bureau of Natural Gas (1974)				
Low	19.6	--	--	7.3
Medium	19.6	--	--	13.8
High	19.6	--	--	17.4
Gas Requirements Committee (1975) ^{a/}	19.6	19.7	17.5	14.0
Department of Interior (1975)	19.6	--	18.9	16.8
Federal Energy Administration				
Reference deregulation (\$13 oil)	19.6	--	--	21.3
Deregulation with conservation	19.6	--	--	20.8
Optimistic deregulation	19.6	--	--	24.3
Pessimistic deregulation	19.6	--	--	16.2
Current regulation	19.6	--	--	16.9
Intrastate price ceilings	19.6	--	--	16.0
Shell Oil Co. ^{b/}	19.6	--	17.5	14.7
American Gas Association				
Current regulation (699-H)	19.6	19.2	17.5	14.6
Current regulation (770)	19.6	--	18.1	16.1
Deregulation	19.6	--	20.1	20.4

^{a/} Adjusted by 1 Tcf for Canadian imports, 0.8 Tcf in 1985 for Alaskan Gas, field use, and Btu content at 1,024 Btu's/cf.

^{b/} Adjusted for 0.3 Tcf S. Alaskan production.

Source: FPC Bureau of Natural Gas, A Realistic View of U.S. Natural Gas Supply, December 1974; Gas Requirements Committee, Future Gas Consumption of the United States, December 1975; U.S. Department of Interior, United States Energy Through the Year 2000 (revised), December 1975; National Energy Outlook, 1976; Shell Oil, The National Energy Outlook, September 1976; American Gas Association, Gas Supply Review, October 1976.

COMPARISON OF FORECASTS OF
TOTAL U.S. GAS SUPPLY
(Quarillion Btu's)

	Actual <u>1974</u>	Forecast	
		<u>1980</u>	<u>1985</u>
Gas Requirements Committee	22.8	20.6	20.6
Department of Interior	22.8	20.7	20.6
FEA (Reference Deregulation) ^{a/}	22.8	--	26.0-29.0
Shell Oil ^{a/}	22.8	21.0	20.0

Note: Includes field use and Alaska.

a/ Converted to Btu's at 1024 Btu's/cf.

Source: See Schedule IV-10.

THE GRC FORECAST OF LOWER 48 GAS
SUPPLY BY COMPONENT

1974-1985

(Trillions of Btu's)

	Domestic Production and Canadian Imports ^{a/} (1)	SNG (2)	Imported LNG (3)	Propane Air (4)	Total (5)
Actual 1974	20,682	124	3	21	20,830
Projected 1976	19,070	351	76	44	19,541
1977	18,504	369	195	113	19,181
1978	17,899	487	595	113	19,094
1979	17,448	609	647	114	18,818
1980	17,029	867	659	109	18,664
1985	15,137	1,639	1,403	111	18,290

a/ Excludes field use and includes Alaska.

Source: Gas Requirements Committee, Future Gas Consumption of the United States, December 1974.

THE GRC FORECAST OF GAS CONSUMPTION BY SECTOR AND EPA REGION

1974 - 1980

(Trillions of Btu's)

		Resi- dential (1)	Commercial			Industrial			Electric Utility			Grand Total (11)
			Firm (2)	Inter- ruptible (3)	Total (4)	Firm (5)	Inter- ruptible (6)	Total (7)	Firm (8)	Inter- ruptible (9)	Total (10)	
Region I												
Actual	1974	138	55	2	57	38	17	55	--	11	11	261
Projected	1976	147	60	1	61	39	7	46	--	4	4	258
	1977	149	61	1	62	39	9	48	--	4	4	263
	1978	152	63	1	64	39	9	48	--	4	4	268
	1979	157	64	1	65	40	10	50	--	4	4	276
	1980	162	66	1	67	41	10	51	--	4	4	284
Region II												
Actual	1974	487	193	16	209	133	47	180	--	59	59	935
Projected	1976	519	194	6	200	110	8	118	3	1	4	841
	1977	519	194	4	198	117	12	129	1	3	4	850
	1978	526	199	18	217	130	27	157	3	9	12	912
	1979	532	205	17	222	135	21	156	4	4	8	918
	1980	538	211	17	228	138	15	153	5	5	10	929
Region III												
Actual	1974	480	196	16	212	459	89	548	4	17	21	1,261
Projected	1976	513	204	1	205	342	38	380	1	--	1	1,099
	1977	514	204	1	205	337	35	372	1	--	1	1,092
	1978	514	204	1	205	348	37	385	--	--	--	1,104
	1979	520	205	1	206	344	37	381	--	--	--	1,107
	1980	529	205	1	206	340	37	377	--	--	--	1,112
Region IV												
Actual	1974	361	207	30	237	471	473	944	151	115	266	1,808
Projected	1976	400	222	34	256	411	277	688	141	28	169	1,513
	1977	404	223	34	257	381	238	619	141	19	160	1,440
	1978	407	225	33	258	388	261	649	141	19	160	1,474
	1979	411	227	33	260	383	233	616	106	17	123	1,410
	1980	415	226	33	259	346	205	551	78	15	93	1,318
Region V												
Actual	1974	1,654	787	66	853	1,351	313	1,664	81	89	170	4,341
Projected	1976	1,746	821	77	898	1,151	200	1,351	32	29	61	4,056
	1977	1,773	839	72	911	1,136	178	1,314	25	10	35	4,033
	1978	1,798	851	56	907	1,161	151	1,312	22	5	27	4,044
	1979	1,820	861	55	916	1,150	137	1,287	18	4	22	4,045
	1980	1,843	872	53	925	1,150	123	1,273	18	4	22	4,063
Region VI												
Actual	1974	490	207	32	239	3,525	335	3,860	1,816	327	2,143	6,732
Projected	1976	545	240	64	304	3,016	389	3,405	1,956	359	2,315	6,569
	1977	551	245	68	313	2,899	415	3,314	1,919	359	2,278	6,456
	1978	556	249	72	321	2,901	431	3,332	1,833	358	2,191	6,400
	1979	562	254	83	337	2,837	444	3,281	1,687	350	2,037	6,217
	1980	569	259	100	359	2,710	451	3,161	1,588	324	1,912	6,001

THE GRC FORECAST OF GAS CONSUMPTION BY SECTOR AND EPA REGION

1974 - 1980

(Trillions of Btu's)

		Commercial				Industrial			Electric Utility			Grand Total (11)
		Resi- dential (1)	Firm (2)	Inter- ruptible (3)	Total (4)	Firm (5)	Inter- ruptible (6)	Total (7)	Firm (8)	Inter- ruptible (9)	Total (10)	
Region VII												
Actual	1974	379	175	63	238	182	223	405	12	310	322	1,344
Projected	1976	407	184	61	245	174	201	375	10	148	158	1,185
	1977	413	187	59	246	171	185	356	10	92	102	1,117
	1978	420	190	48	238	166	157	323	10	72	82	1,063
	1979	426	193	48	241	163	144	307	11	61	72	1,046
	1980	432	195	48	243	159	136	295	7	53	60	1,030
Region VIII												
Actual	1974	188	122	26	148	40	157	197	20	52	72	605
Projected	1976	206	135	29	164	42	149	191	7	54	61	622
	1977	213	139	29	168	41	126	167	6	50	56	604
	1978	220	144	29	173	41	119	160	6	44	50	603
	1979	226	149	28	177	40	115	155	6	37	43	601
	1980	233	153	28	181	40	111	151	5	30	35	600
Region IX												
Actual	1974	643	231	29	260	161	497	658	102	274	376	1,937
Projected	1976	697	250	33	283	160	464	624	39	83	122	1,726
	1977	715	258	26	284	165	410	575	32	54	86	1,660
	1978	734	265	9	274	161	319	480	27	34	61	1,549
	1979	755	271	8	279	160	291	451	26	20	46	1,531
	1980	775	277	31	308	164	364	528	28	12	40	1,651
Region X												
Actual	1974	67	42	15	57	86	107	193	--	--	--	317
Projected	1976	72	48	21	69	99	90	189	--	--	--	330
	1977	75	50	21	71	102	85	187	--	--	--	333
	1978	77	52	21	73	104	82	186	--	--	--	336
	1979	80	53	21	74	109	84	193	--	--	--	347
	1980	82	55	22	77	111	89	200	--	--	--	359

Source: Gas Requirements Committee, Future Gas Consumption of the United States, December 1975.

SOURCES OF GAS SUPPLY BY STATE
1974
(Percent)

	Region I						Region II		Region III				
Interstate Pipelines	Conne- cticut (1)	Maine (2)	Massa- chusetts (3)	New Hamp. (4)	Rhode Is. (5)	Vermont (6)	New Jersey (7)	New York (8)	Delaware (9)	Maryland (10)	Pennsyl- vania (11)	Virginia (12)	West Virginia (13)
Arkansas-Louisiana Gas Co.													
Cities Service Gas Co.													
Colorado Interstate Gas Co.													
Columbia Gas Transmission Co.							neg.	6		98	27	62	56
Consolidated Gas Supply Co.								29			13		1
El Paso Natural Gas Co.													
Florida Gas Transmission Co.													
Kansas-Nebraska Natural Gas Co.													
Michigan Wisconsin Pipe Line Co.													
Midwestern Gas Transmission Co.													
Mississippi River Transmission Co.													
Montana-Dakota Utilities Co.													
Mountain Fuel Supply Co.													
Natural Gas Pipeline Co. of America													
Northern Natural Gas Co.													
Northwest Pipeline Corp.													
Panhandle Eastern Pipe Line Co.													
Sea Robin Pipeline Co.													
Southern Natural Gas Co.													
S. Texas Natural Gas Gathering Co.													
Tennessee Gas Pipeline Co. (Tenneco)	47	100	56	100			6	7			6 ^{a/}	6	2
Texas Eastern Transmission Co.	53		44		100		34	6		neg.	15 ^{b/}		
Texas Gas Transmission Corp.													
Transcontinental Gas Pipe Line Corp.							60	28	100	2	15	32	
Transwestern Pipeline Co.													
Trunkline Gas Co.													
United Gas Pipe Line Co.													
West Texas Gathering Co.													
Other Interstate Pipelines						100		24			18		5
Inferred Intrastate Withdrawals								neg.		neg.	6	neg.	36
Total Supply	100	100	100	100	100	100	100	100	100	100	100	100	100

^{a/} Includes part of Equitable and Pennsylvania and Southern.

^{b/} Includes Carnegie and part of Equitable.

SOURCES OF GAS SUPPLY BY STATE
1974
(Percent)

Interstate Pipelines	Region IV								Region V					
	Ala- bama (1)	Florida (2)	Georgia (3)	Ken- tucky (4)	Missis- sippi (5)	North Carolina (6)	South Carolina (7)	Tenne- see (8)	Illinois (9)	Indiana (10)	Mich- igan (11)	Minne- sota (12)	Ohio (13)	Wis- consin (14)
Arkansas-Louisiana Gas Co.														
Cities Service Gas Co.														
Colorado Interstate Gas Co.														
Columbia Gas Transmission Co.				23	2								55	
Consolidated Gas Supply Co.													29	
El Paso Natural Gas Co.														
Florida Gas Transmission Co.	neg.	82			neg.									
Kansas-Nebraska Natural Gas Co.														
Michigan Wisconsin Pipe Line Co.				1	1			2	neg.	2	50		neg.	92
Midwestern Gas Transmission Co.				neg.				neg.	10	17		2		1
Mississippi River Transmission Co.									5					
Montana-Dakota Utilities Co.														
Mountain Fuel Supply Co.														
Natural Gas Pipeline Co. of Am.									64	27				
Northern Natural Gas Co.									4		2	93		7
Northwest Pipeline Corp.														
Panhandle Eastern Pipe Line Co.									13	33	19		7	
Sea Robin Pipeline Co.														
Southern Natural Gas Co.	60	3	89		13		71	6						
South Texas Nat. Gas Gathering Co.														
Tennessee Gas Pipeline Co. (Tenneco)	13			13	9			53					1	
Texas Eastern Transmission Co.	2			2	2			2	1	1			1	
Texas Gas Transmission Corp.				55	10			35	1	19			1	
Transcontinental Gas P.L. Corp.	3		11		2	100	29							
Transwestern Pipeline Co.														
Trunkline Gas Co.				neg.	neg. ^{a/}			1	1	1	17			
United Gas Pipe Line Co.	13	11			35 ^{a/}									
West Texas Gathering Co.														
Other Interstate Pipelines	1			3	21			1			4	5	neg.	neg.
Inferred Intrastate Withdrawals	8	4		3	5			neg.		neg.	8		6	
Total Supply	100	100	100	100	100	100	100	100	100	100	100	100	100	100

^{a/} Includes part of Mid-Louisiana supplies.

SOURCES OF GAS SUPPLY BY STATE
1974
(Percent)

Interstate Pipelines	Region VI					Region VII				Region VIII		
	Arkansas (1)	Louisiana (2)	New Mexico (3)	Oklahoma (4)	Texas (5)	Iowa (6)	Kansas (7)	Missouri (8)	Nebraska (9)	Colo., Mont., Utah and Wyo. (10)	North Dakota (11)	South Dakota (12)
Arkansas-Louisiana Gas Co.	80	3		4	neg.		1					
Cities Service Gas Co.				3	neg.		48	49	2			
Colorado Interstate Gas Co.			neg.	1	neg.		1			38		
Columbia Gas Transmission Co.												
Consolidated Gas Supply Co.												
El Paso Natural Gas Co.			27		2							
Florida Gas Transmission Co.		neg.			neg.							
Kansas-Nebraska Natural Gas Co.				neg.			5		31	1		
Michigan Wisconsin Pipe Line Co.		neg.		neg.	neg.	10	1	1				
Midwestern Gas Transmission Co.											13	
Mississippi River Transmission Co.	2							35				
Montana-Dakota Utilities Co.										4	41	34
Mountain Fuel Supply Co.										19		
Natural Gas Pipeline Co. of America	2			neg.	neg.	26	neg.	neg.	5			
Northern Natural Gas Co.			1	1	1	64	13	neg.	61	2		66
Northwest Pipeline Corp.			neg.							1		
Panhandle Eastern Pipe Line Co.				neg.	neg.		4	11		1		
Sea Robin Pipeline Co.		neg.										
Southern Natural Gas Co.		neg.			neg.							
South Texas Nat. Gas Gathering Co.					neg.							
Tennessee Gas Pipeline Co. (Tenneco)		1			neg.							
Texas Eastern Transmission Co.	1	neg.			neg.			2				
Texas Gas Transmission Corp.	neg.	neg.			neg.							
Transcontinental Gas Pipe Line Corp.		neg.			neg.							
Transwestern Pipeline Co.			2	neg.	neg.							
Trunkline Gas Co.		neg.			neg.							
United Gas Pipe Line Co.		9			1							
West Texas Gathering Co.					neg.							
Other Interstate Pipelines	3	1	neg.	4	3			1		10		
Inferred Intrastate Withdrawals	12	85	70	87	93		27	neg.	1 ^{a/}	24	46	
Total Supply	100	100	100	100	100	100	100	100	100	100	100	100

^{a/} Reported intrastate withdrawals exceeded marketed production 1974. Have assumed them equal to in production.

SOURCES OF GAS SUPPLY BY STATE
1974
(Percent)

Interstate Pipelines	Region IX			Region X		
	Arizona (1)	California (2)	Nevada (3)	Idaho (4)	Oregon (5)	Washington (6)
Arkansas-Louisiana Gas Co.						
Cities Service Gas Co.						
Colorado Interstate Gas Co.						
Columbia Gas Transmission Co.						
Consolidated Gas Supply Co.						
El Paso Natural Gas Co.	99	50	53			
Florida Gas Transmission Co.						
Kansas-Nebraska Natural Gas Co.						
Michigan-Wisconsin Pipe Line Co.						
Midwestern Gas Transmission Co.						
Mississippi River Transmission Co.						
Montana-Dakota Utilities Co.						
Mountain Fuel Supply Co.						
Natural Gas Pipeline Co. of America						
Northern Natural Gas Co.						
Northwest Pipeline Corp.		neg.	47	94	93	98
Panhandle Eastern Pipe Line Co.						
Sea Robin Pipeline Co.						
Southern Natural Gas Co.						
South Texas Nat. Gas Gathering Co.						
Tennessee Gas Pipeline Co. (Tenneco)						
Texas Eastern Transmission Co.						
Texas Gas Transmission Corp.						
Transcontinental Gas Pipe Line Corp.						
Transwestern Pipeline Co.	1	13				
Trunkline Gas Co.						
United Gas Pipe Line Co.						
West Texas Gathering Co.						
Other Interstate Pipelines		18		6	7	2
Inferred Intrastate Withdrawals		19				
Total Supply	100	100	100	100	100	100

Source: FPC Natural Gas Transported in 1974 by FPC Regulated Pipelines, August 1976.

DIRECT INTERSTATE SALES OF NATURAL GAS TO MAJOR MFBI AND
CONSUMPTION OF NATURAL GAS BY MAJOR COMBUSTORS AT THESE PLANTS IN 1974

EPA Region/State	Direct Gas Sales to MFBI by Pipeline		MFBI Receiving Gas		All Major MFBI in State	
	Pipeline (1)	Sales (MMcf) (2)	Number (3)	Gas Consumption by Major Combustors (Billion Btu's) (4)	Number (5)	Gas Consumption by Major Combustors (Billion Btu's) (6)
I New Hampshire	Granite State Gas Transmission Inc. ^{a/}	382	1	390	2	659
II Pennsylvania	Carnegie Natural Gas Co. ^{b/}	6,715	5	6,232	43	81,860
IV Alabama	Alabama Tennessee Natural Gas Co. ^{a/}	7,582	2	5,447		
	Southern Natural Gas Co.	32,935	6	19,108		
	United Gas Pipe Line Co.	8,539	5	8,031		
		<u>49,056</u>	<u>13</u>	<u>32,586</u>	<u>24</u>	<u>47,621</u>
Florida	Florida Gas Transmission Co.	5,947	5	3,378		
	South Georgia Natural Gas Co.	2,288	1	1,717		
	United Gas Pipe Line Co.	20,924	4	10,827		
		<u>29,159</u>	<u>10</u>	<u>15,922</u>	<u>21</u>	<u>31,158</u>
Georgia	South Georgia Natural Gas Co.	2,700	3	2,038		
	Southern Natural Gas Co.	8,655	3	8,298		
		<u>11,355</u>	<u>6</u>	<u>10,336</u>	<u>24</u>	<u>32,133</u>
Kentucky	Inland Gas Co. Inc. ^{c/}	5,150	1	825	21	13,527
Mississippi	Mid-Louisiana Gas Co.	8,880	2	4,640		
	Southern Natural Gas Co.	7,239	2	17,972		
	United Gas Pipe Line Co.	19,389	9	16,838		
		<u>35,508</u>	<u>13</u>	<u>39,450</u>	<u>16</u>	<u>54,666</u>
Tennessee	East Tennessee Natural Gas Co. ^{a/}	12,516	3	6,796	30	39,535
V Illinois	Mississippi River Transmission Corp.	17,861	4	12,028	59	96,201
Michigan	Northern Natural Gas Co.	10,603	3	7,703	59	115,084
Minnesota	Northern Natural Gas Co.	9,439	3	9,299	21	28,362
Ohio	Inland Gas Co. Inc.	8,398	1	3,684	56	107,085
VI Arkansas	Arkansas-Louisiana Gas Co.	72,322	12	35,027		
	Mississippi River Transmission Corp.	5,206	1	2,044		
		<u>77,528</u>	<u>13</u>	<u>37,071</u>	<u>15</u>	<u>40,028</u>
Louisiana	Arkansas-Louisiana Gas Co.	7,099	2	6,080		
	Mid-Louisiana Gas Co.	4,114	1	4,270		
	United Gas Pipe Line Co.	21,208	9	48,026		
		<u>32,421</u>	<u>12</u>	<u>58,376</u>	<u>78</u>	<u>465,497</u>

^{a/} Wholly supplied by Tenneco.

^{b/} Supplied 74% by Texas Eastern.

^{c/} Supplied 84% by Tenneco.

DIRECT INTERSTATE SALES OF NATURAL GAS TO MAJOR MFBI AND
CONSUMPTION OF NATURAL GAS BY MAJOR COMBUSTORS AT THESE PLANTS IN 1974

EPA Region/State	Direct Gas Sales to MFBI by Pipeline		MFBI Receiving Gas		All Major MFBI in State	
	Pipeline (1)	Sales (MMcf) (2)	Number (3)	Gas Consumption by Major Combustors (Billion Btu's) (4)	Number (5)	Gas Consumption by Major Combustors (Billion Btu's) (6)
VI (Cont.) Oklahoma	Arkansas Louisiana Gas Co.	1,470	1	5,566		
	Cities Service Gas Co.	906	1	11,464		
	Lone Star Gas Co.	5,324	3	1,572		
		<u>7,700</u>	<u>5</u>	<u>18,602</u>	<u>18</u>	<u>47,344</u>
Texas	Lone Star Gas Co.	13,448	4	12,096		
	United Gas Pipe Line Co.	2,770	1	2,986		
		<u>16,218</u>	<u>5</u>	<u>15,082</u>	<u>124</u>	<u>988,430</u>
VII Kansas	Cities Service Gas Co.	8,467	5	5,289	15	26,552
Missouri	Mississippi River Transmission Corp.	6,522	3	2,450	17	20,216
Nebraska	Cities Service Gas Co.	1,806	1	1,683		
	Natural Gas Pipe Line Co. of America	9,155	1	4,852		
	Northern Natural Gas Co.	6,496	2	2,547		
		<u>17,457</u>	<u>4</u>	<u>9,082</u>	<u>8</u>	<u>10,969</u>
VIII Colorado	Colorado Interstate Corp.	12,069	3	9,034		
	Kansas-Nebraska Natural Gas Co.	1,085	2	547		
		<u>13,154</u>	<u>5</u>	<u>9,581</u>	<u>28</u>	<u>31,573</u>
Montana	Montana-Dakota Utilities Co.	1,502	1	658	11	15,920
North Dakota	Montana-Dakota Utilities Co.	1,042	1	848	1	848
Wyoming	Kansas-Nebraska Natural Gas Co.	821	1	294		
	Montana-Dakota Utilities Co.	1,606	2	975		
	Northern Utilities Inc.	4,988	1	3,202		
		<u>7,415</u>	<u>4</u>	<u>4,471</u>	<u>9</u>	<u>27,116</u>
IX Arizona	El Paso Natural Gas Co.	30,499	6	21,717	10	28,013
Nevada	Southwest Gas Corp.	3,014	1	317	2	2,105

Schedule IV-16
Sheet 1 of 2

Comparison of Actual Firm Requirements and Firm Curtailments
For Year September 1974, through August 1976, with Projections
For Year September 1976, through August 1977

	Total for Year September 1974-August 1976			Total for Year September 1976-August 1977		
	Firm Requirements (Net)	Firm Curtailments (Net)	Percent Curtailed	Firm Requirements (Net)	Firm Deficiency (Net)	Percent Curtailed
Alabama-Tennessee Natural Gas Company	10,081,000	2,479,000	9.39	31,998,000	6,396,000	19.99
Algonquin Gas Transmission Company	141,932,000	14,948,000	10.32	147,999,000	16,811,000	11.35
Arkansas Louisiana Gas Company	476,647,000	162,106,000	34.01	516,278,000	201,771,000	39.08
Bluefield Gas Company	1,044,000	-0-	-0-	1,104,000	-0-	-0-
Caprock Pipeline Company	1,496,000	-0-	-0-	1,036,000	-0-	-0-
Cities Service Gas Company	946,515,000	127,044,000	23.25	586,733,000	168,322,000	28.69
Colorado Interstate Gas Company	351,000,000	111,000	0.03	360,399,000	-0-	-0-
Columbia Gas Transmission Corporation	1,391,364,000	344,638,000	24.77	1,442,530,000	404,901,000	28.06
Commercial Pipeline Company, The	366,000	-0-	-0-	366,000	-0-	-0-
Consolidated Gas Supply Corporation	665,777,000	73,452,000	11.03	691,161,000	67,506,000	9.77
East Tennessee Natural Gas Company	80,329,000	24,739,000	30.80	90,263,000	23,577,000	26.12
Eastern Shore Natural Gas Company	3,820,000	999,000	26.15	6,824,000	3,102,000	45.46
El Paso Natural Gas Company	1,386,649,000	231,377,000	16.69	1,424,334,000	430,477,000	30.22
Florida Gas Transmission Company	35,872,000	-0-	-0-	36,530,000	-0-	-0-
Gas Gathering Corporation	2,312,000	-0-	-0-	2,150,000	-0-	-0-
Granite State Gas Transmission, Inc.	3,399,000	-0-	-0-	3,738,000	-0-	-0-
Great Lakes Gas Transmission Company	89,545,000	-0-	-0-	89,741,000	-0-	-0-
Industrial Gas Corporation	1,568,000	-0-	-0-	4,983,000	-0-	-0-
Inter-City Minnesota Pipelines, Ltd.	7,832,000	-0-	-0-	7,342,000	-0-	-0-
Kansas-Nebraska Natural Gas Company	88,359,000	-0-	-0-	86,354,000	-0-	-0-
Kentucky-West Virginia Gas Company	26,810,000	-0-	-0-	27,127,000	-0-	-0-
Lawrenceburg Gas Transmission Corporation	5,323,000	1,429,000	26.86	5,323,000	1,980,000	37.19
Louisiana-Nevada Transit Company	4,166,000	363,000	8.76	4,630,000	682,000	14.73
McCulloch Interstate Gas Corporation	3,827,000	-0-	-0-	3,740,000	-0-	-0-
Michigan Wisconsin Pipe Line Company	836,092,000	61,811,000	7.39	936,510,000	101,927,000	10.89
Mid Louisiana Gas Company	29,050,000	4,330,000	14.91	31,270,000	8,611,000	27.54
Midwestern Gas Transmission Company	328,050,000	37,807,000	11.52	326,700,000	45,807,000	14.02
Mississippi River Transmission Corporation	203,821,000	-0-	-0-	224,394,000	778,000	0.35
Montana-Dakota Utilities Company	35,932,000	-0-	-0-	39,358,000	-0-	-0-
National Fuel Gas Supply Corporation	196,175,000	-0-	-0-	228,069,000	23,044,000	10.98
Natural Gas Pipeline Company of America	1,719,388,000	230,149,000	13.39	1,222,061,000	264,977,000	21.68
North Penn Gas Company	26,370,000	-0-	-0-	26,860,000	-0-	-0-
Northern Natural Gas Company	816,543,000	62,210,000	7.62	861,457,000	169,101,000	19.63
Northwest Pipe Line Corporation	436,672,000	47,787,000	10.94	440,144,000	38,100,000	8.66
Pacific Gas Transmission Company	366,341,000	-0-	-0-	360,365,000	-0-	-0-
Panhandle Eastern Pipe Line Company	721,261,000	176,204,000	24.29	732,200,000	187,141,000	25.56
South Georgia Natural Gas Company	11,767,000	15,000	0.13	14,848,000	251,000	1.69
South Texas Natural Gas Gathering Company	38,007,000	-0-	-0-	31,376,000	-0-	-0-
Southern Natural Gas Company	639,817,000	85,629,000	13.38	647,279,000	126,407,000	19.54
Tennessee Gas Pipeline Company	1,313,272,000	211,740,000	16.12	1,317,104,000	239,857,000	18.21
Tennessee Natural Gas Lines, Inc.	27,214,000	1,323,000	4.87	33,363,000	7,101,000	21.28
Texas Eastern Transmission Corporation	1,009,526,000	275,178,000	27.26	1,016,044,000	281,482,000	27.70
Texas Gas Pipe Line Corporation	2,001,000	-0-	-0-	2,284,000	-0-	-0-
Texas Gas Transmission Corporation	758,036,000	158,951,000	20.97	771,162,000	219,584,000	28.47
Transcontinental Gas Pipe Line Corporation	1,039,028,000	395,225,000	38.04	1,045,320,000	489,637,000	46.84
Transwestern Pipeline Company	367,798,000	103,781,000	28.26	366,796,000	143,701,000	39.19
Trunkline Gas Company	595,342,000	252,424,000	42.39	594,972,000	220,456,000	37.05
United Gas Pipe Line Company	1,362,645,000	747,476,000	54.53	1,605,927,000	871,251,000	54.25
Valley Gas Transmission, Inc.	7,940,000	-0-	-0-	6,369,000	-0-	-0-
West Texas Gathering Company	86,630,000	-0-	-0-	80,270,000	-0-	-0-
Western Gas Interstate Company	7,928,000	103,000	1.30	9,517,000	-0-	-0-
Western Transmission Corporation	1,674,000	-0-	-0-	2,227,000	-0-	-0-
Totals	18,061,724,000	3,838,138,000	21.25	18,456,418,000	4,768,746,000	25.85
Less transactions between respondent pipelines	3,912,361,000	862,453,000		3,922,061,000	998,208,000	
Net Totals	14,149,363,000	2,975,685,000	21.03	14,534,357,000	3,770,538,000	25.94

**Comparisons of Actual Interruptible Requirements and Interruptible Curtailments
For Year September 1975 through August 1976 With Projections
For Year September 1976 Through August 1977**

<u>Pipeline</u>	Total For Year September 1975-August 1976			Total For Year September 1976-August 1977		
	Actual			Projected		
	<u>Interruptible Requirements (Mcf)</u>	<u>Interruptible Curtailments (Mcf)</u>	<u>Percent Curtailed</u>	<u>Interruptible Requirements (Mcf)</u>	<u>Interruptible Deficiencies</u>	<u>Percent Deficient</u>
Alabama-Tennessee Natural Gas Company	11,011,000	10,406,000	94.51	10,619,000	10,493,000	98.81
Algonquin Gas Transmission Company	15,100,000	15,100,000	100.00	13,760,000	13,760,000	100.00
Arkansas Louisiana Gas Company	23,532,000	23,532,000	100.00	-0-	-0-	-0-
Bluefield Gas Company	161,000	-0-	-0-	199,000	-0-	-0-
Colorado Interstate Gas Co., A Division of Colorado Interstate Corporation	35,258,000	3,898,000	11.06	23,348,000	3,275,000	14.03
East Tennessee Natural Gas Company	21,977,000	18,758,000	85.35	21,984,000	20,643,000	93.90
Eastern Shore Natural Gas Company	2,603,000	2,405,000	92.39	686,000	593,000	86.44
Florida Gas Transmission Company	120,998,000	72,088,000	59.58	122,076,000	67,516,000	55.31
Granite State Gas Transmission, Inc.	566,000	162,000	28.62	427,000	224,000	54.46
Kansas-Nebraska Natural Gas Company	44,804,000	5,825,000	13.01	32,573,000	9,802,000	30.09
Louisiana-Nevada Transit Company	374,000	-0-	-0-	84,000	35,000	41.67
Mid Louisiana Gas Company	1,223,000	1,223,000	100.00	1,269,000	1,269,000	100.00
Mississippi River Transmission Corporation	49,987,000	43,236,000	86.49	51,142,000	49,795,000	97.37
Montana-Dakota Utilities Company	21,192,000	-0-	-0-	23,074,000	3,934,000	17.05
Natural Gas Pipeline Company of America	22,000	-0-	-0-	15,000	-0-	-0-
Northern Natural Gas Company	1,040,000	-0-	-0-	-0-	-0-	-0-
Northwest Pipeline Corporation	9,269,000	8,967,000	96.74	4,036,000	3,947,000	97.79
Panhandle Eastern Pipe Line Company	70,432,000	39,196,000	55.65	57,137,000	29,237,000	51.17
South Georgia Natural Gas Company	21,183,000	9,180,000	43.34	19,703,000	10,350,000	52.53
Southern Natural Gas Company	247,407,000	219,752,000	88.82	261,647,000	236,350,000	90.33
Tennessee Natural Gas Lines, Inc.	4,144,000	2,395,000	57.79	3,740,000	3,240,000	86.63
Texas Gas Transmission Corporation	4,072,000	4,072,000	100.00	4,080,000	4,076,000	99.90
Transwestern Pipeline Company	867,000	-0-	-0-	805,000	-0-	-0-
Total	697,222,000	480,195,000	68.87	652,404,000	468,539,000	71.82
Less Transactions With Other Respondent Pipelines	42,809,000	35,854,000		20,384,000	13,727,000	
Net Totals	654,413,000	444,341,000	67.90	632,020,000	454,812,000	71.96

COMPARISON OF INDUSTRIAL GAS CONSUMPTION AND
SHORTAGES BY STATE ESTIMATED BY FEA

(Bcf)

State	Actual Winter '75-'76		Projected Winter '76-'77		Net Change in Consumption
	Consumption (1)	Shortage (2)	Consumption (3)	Shortage (4)	
Connecticut	4	neg.	3	neg.	(1)
Massachusetts	7	neg.	8	--	1
Maine	neg.	--	neg.	--	--
New Hampshire	0.5	neg.	0.5	neg.	--
Rhode Island	0.5	--	0.5	neg.	--
Vermont	0.6	--	0.6	--	--
New Jersey	21	16	20	20	(1)
New York	45	7	45	12	--
District of Columbia	39	--	41	--	2
Delaware	2	1	2	2	--
Maryland	20	8	16	14	(4)
Pennsylvania	115	24	118	43	3
Virginia	15	9	12	14	(3)
West Virginia	25	10	31	14	6
Alabama	54	39	49	46	(5)
Florida	21	31	21	30	--
Kentucky	25	10	21	18	(4)
Georgia	42	30	38	37	(4)
Mississippi	28	16	23	23	(5)
North Carolina	18	35	7	47	(11)
South Carolina	25	31	22	34	(3)
Tennessee	46	17	39	30	(7)
Illinois	172	27	174	36	2
Indiana	103	13	85	24	(18)
Michigan	132	5	132	7	--
Minnesota	31	8	29	11	(2)
Ohio	134	67	176	79	42
Wisconsin	67	7	62	13	(5)
Arkansas	52	17	49	19	(3)
Louisiana	147	50	142	58	(5)
New Mexico	17	2	14	4	(3)
Oklahoma	68	2	80	2	12
Texas	623	7	617	13	(6)
Iowa	54	10	52	13	(2)
Kansas	80	13	78	21	(2)
Missouri	34	13	35	15	1
Nebraska	15	3	14	5	(1)
Colorado	24	3	24	8	--
Montana	14	--	13	1	(1)
North Dakota	0.7	0.7	0.6	0.8	(0.1)
South Dakota	3	1	2	1	(1)
Utah	10	15	10	14	--
Wyoming	15	4	12	4	(3)
Arizona	20	9	10	16	(10)
California	211	31	192	61	(19)
Nevada	4	1	3	3	(1)
Idaho	12	3	12	3	--
Oregon	15	9	17	11	2
Washington	27	21	28	20	1
Total	2,638	626	2,580	847	(58)

Source: FEA, Projected Natural Gas Curtailment and Potential Needs for Additional Alternate Fuels, November 1976.

ANNUAL DELIVERABILITY FROM DOMESTIC GAS RESERVES UNDER CONTRACT
AS OF JANUARY 1, 1976 FOR MAJOR INTERSTATE PIPELINE COMPANIES

1976 - 1980

(Volumes in Billions of Cubic Feet)

	Actual 1975 Withdrawals		Projected Withdrawals					Annual Percent Decline 1975-1980
	Percent of Supply	Bcf	1976	1977	1978	1979	1980	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Arkansas-Louisiana Gas Co.	93.4	316	280	243	208	179	157	13.1
Cities Service Gas Co.	77.4	356	349	331	312	295	267	5.6
Colorado Interstate Gas Co.	87.6	384	411	376	345	308	276	6.4
Columbia Gas Transmission Co.	54.7	616	538	466	403	360	334	11.5
Consolidated Gas Supply Co.	16.5	104	109	106	90	78	69	7.9
El Paso Natural Gas Co. (S. Div.)	91.4	1,223	1,075	945	845	762	706	10.4
Florida Gas Transmission Co.	80.6	76	65	59	54	49	47	9.2
Kansas-Nebraska Natural Gas Co.	88.8	119	117	115	112	111	115	0.7
Michigan Wisconsin Pipe Line Co.	80.3	688	649	633	584	519	429	9.0
Montana-Dakota Utilities Co.	100.0	51	50	49	48	46	45	2.5
Mountain Fuel Supply Co.	75.6	101	97	96	89	79	70	4.9
Natural Gas Pipeline Co. of America	83.1	880	863	785	675	608	547	9.1
Northern Natural Gas Co.	97.7	906	784	703	654	588	527	10.3
Northwest Pipeline Corp.	36.0	148	154	157	158	159	157	1.2(incr.)
Panhandle Eastern Pipe Line Co.	76.8	540	484	429	392	337	295	11.4
South Texas Natural Gas Gathering Co.	100.0	44	37	32	27	24	20	14.6
Southern Natural Gas Co. ^{a/}	90.4	595	548	488	483	490	436	6.0
Tennessee Gas Pipeline Co. ^{b/}	99.9	1,211	1,157	1,033	943	833	736	9.5
Texas Eastern Transmission Co.	57.0	434	440	429	407	382	360	3.7
Texas Gas Transmission Co.	76.0	509	462	418	361	316	278	11.4
Transcontinental Gas Pipeline Corp.	94.4	704	618	502	438	375	318	14.7
Transwestern Pipeline Co.	100.0	308	252	220	186	157	134	15.3
Trunkline Gas Co.	98.8	364	317	276	217	180	149	16.4
United Gas Pipe Line Co. ^{a/}	100.0	922	783	628	507	407	316	19.3
West Texas Gathering Co.	100.0	90	80	59	44	34	27	21.0
Total		11,689	10,719	9,578	8,582	7,676	6,815	10.2
Index (1975=100)		100.0	91.7	81.9	73.4	65.7	58.3	

^{a/} Includes withdrawals of Sea Robin Pipeline Co.

^{b/} Includes LNG.

Source: Form 15's.

TECHNICAL REPORT DATA <i>(Please read Instructions on the reverse before completing)</i>			
1. REPORT NO. EPA-450/3-77-017b		3. RECIPIENT'S ACCESSION NO.	
4. TITLE AND SUBTITLE Impact of Natural Gas Shortage on Major Industrial Fuel-Burning Installations - Volume II. Schedules (Data and Tables)		5. REPORT DATE March 1977	
7. AUTHOR(S) Brickhill, J. A.		6. PERFORMING ORGANIZATION CODE	
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16. ABSTRACT This study was conducted to analyze the impact of natural gas shortages on major fuel burning installations. The analysis consisted of the review of gas curtailments plans, natural gas supplies, FEA survey data for MFBI and applicable state air pollution control regulations. This analysis estimated the availability of natural gas through 1980 for major fuel burning installations, the alternate fuel burning capability of these plants, the need for alternate fuels such as fuel oil and coal to offset the gas shortages and the estimated increase in sulfur dioxide and particulate emissions from the burning of these alternate fuels. The study results are presented in a three volume report: the first contains the narrative for the analysis of natural gas shortages on the gas fired plants with pertinent findings and conclusions; the second contains schedules or data summaries for the natural gas fired plants; and the third presents a limited analysis of all the MFBI data.			
17. KEY WORDS AND DOCUMENT ANALYSIS			
a. DESCRIPTORS		b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Fuels Natural gas curtailments Steam plants United States Government Regulations Air Pollution		Combustion Sulfur dioxide Particulates Natural Gas Fuels Air Pollution control Stationary sources Non-Utility sources	
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