

**Table 4. Total Natural Gas Consumption, Actual vs. Forecasts**

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
(trillion cubic feet)																
AEO82	15.93	15.72	15.72	16.08	16.59	17.08										
AEO83	17.75	17.63	17.57	17.75	17.76	17.77										16.95
AEO84	18.22	18.07	18.33	18.61	18.73	18.76										18.75
AEO85	17.79	17.80	17.89	18.30	18.58	18.71	18.79	18.88	18.82	18.82	18.81					
AEO86		16.52	16.83	17.35	17.27	17.50	17.77	17.77	17.90	18.01	18.04	18.03	18.26	18.34	18.04	17.92
AEO87			16.85	16.93	17.24	17.27	17.34	17.43	17.66	18.02	18.31					19.65
AEO89				17.75	17.95	17.94	18.08	18.10	18.34	18.68	18.94	19.17	19.55	19.86	19.98	20.29
AEO90					18.34	18.66										22.88
AEO91						18.53	19.21	19.34	19.56	19.76	20.01	20.21	20.66	20.93	21.23	21.64
AEO92							18.79	19.36	19.84	20.08	20.53	20.68	21.12	21.42	21.66	21.89
AEO93								20.27	20.17	20.54	20.97	21.54	21.83	22.20	22.57	22.83
AEO94									19.87	20.21	20.64	20.99	21.20	21.42	21.60	21.99
AEO95										20.82	20.66	20.85	21.21	21.65	21.95	22.12
AEO96											21.32	21.64	22.11	22.21	22.26	22.34
AEO97												22.15	22.75	23.24	23.64	23.86
AEO98													21.84	23.03	23.84	24.08
AEO99														21.35	22.36	22.54
AEO2000																21.46
AEO2001																22.00
AEO2002																
AEO2003																
Actual	17.28	16.22	17.21	18.03	19.12	19.16	19.56	20.23	20.79	21.25	22.21	22.61	22.74	22.24	22.41	23.36
Average Absolute Error (Across AEOs)	0.82	1.13	0.73	0.73	1.31	1.14	1.23	1.50	1.77	1.81	2.62	2.02	1.69	1.15	1.16	1.56
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
(percent error)																
AEO82	-7.8	-3.1	-8.7	-10.8	-13.2	-10.9										
AEO83	2.7	8.7	2.1	-1.6	-7.1	-7.3										-23.7
AEO84	5.4	11.4	6.5	3.2	-2.0	-2.1										-15.6
AEO85	3.0	9.7	4.0	1.5	-2.8	-2.4	-3.9	-6.7	-9.5	-11.4	-15.3					
AEO86		1.8	-2.2	-3.8	-9.7	-8.7	-9.2	-12.2	-13.9	-15.2	-18.8	-20.3	-19.7	-17.6	-19.5	-23.3
AEO87			-2.1	-6.1	-9.8	-9.9	-11.4	-13.8	-15.1	-15.2	-17.5					-15.9
AEO89				-1.6	-6.1	-6.4	-7.6	-10.5	-11.8	-12.1	-14.7	-15.2	-14.0	-10.7	-10.8	-13.1
AEO90					-4.1	-2.6										-2.1
AEO91						-3.3	-1.8	-4.4	-5.9	-7.0	-9.9	-10.6	-9.1	-5.9	-5.2	-7.4
AEO92							-3.9	-4.3	-4.6	-5.5	-7.5	-8.5	-7.1	-3.7	-3.3	-6.3
AEO93								0.2	-3.0	-3.3	-5.6	-4.7	-4.0	-0.2	0.7	-2.3
AEO94									-4.4	-4.9	-7.1	-7.2	-6.8	-3.7	-3.6	-5.9
AEO95										-2.0	-7.0	-7.8	-6.7	-2.7	-2.0	-5.3
AEO96											-4.0	-4.3	-2.8	-0.2	-0.6	-4.4
AEO97												-2.0	0.1	4.5	5.5	2.1
AEO98													-3.9	3.5	6.4	3.1
AEO99														-4.0	-0.2	-3.5
AEO2000																-4.2
AEO2001																-5.8
AEO2002																
AEO2003																
Average Absolute Percent Error (Across AEOs)	4.7	7.0	4.3	4.1	6.9	5.9	6.3	7.4	8.5	8.5	11.8	9.0	7.4	5.2	5.2	6.7

**Table 4. Total Natural Gas Consumption, Actual vs. Forecasts**

	2001	2002
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AEO82		
AEO83		
AEO84		
AEO85		
AEO86		
AEO87		
AEO89		
AEO90		
AEO91	22.0	22.3
AEO92	22.2	22.6
AEO93	23.1	23.4
AEO94	22.4	22.6
AEO95	22.3	22.4
AEO96	22.5	22.7
AEO97	24.1	24.7
AEO98	24.4	24.8
AEO99	23.2	23.7
AEO2000	22.2	22.4
AEO2001	22.7	23.6
AEO2002	22.2	23.9
AEO2003		23.2

Actual	22.2	22.5
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Average Absolute Error (Across AEOs)	0.58	0.83
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2001	2002
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AEO82		
AEO83		
AEO84		
AEO85		
AEO86		
AEO87		
AEO89		
AEO90		
AEO91	-1.0	-0.6
AEO92	-0.1	0.6
AEO93	4.0	4.4
AEO94	0.6	0.8
AEO95	0.0	-0.1
AEO96	1.0	1.3
AEO97	8.5	9.8
AEO98	9.9	10.5
AEO99	4.2	5.3
AEO2000	-0.3	-0.2
AEO2001	1.9	4.9
AEO2002	-0.1	6.4
AEO2003		3.3

Average Absolute Percent Error (Across AEOs)	2.6	3.7
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**Table 4. Total Natural Gas Consumption, Actual vs. Forecasts**

	Absolute Forecasting Errors as Compared to Actual Historical Figures															
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
AEO82	1.4	0.5	1.5	2.0	2.5	2.1										
AEO83	0.5	1.4	0.4	0.3	1.4	1.4									5.3	
AEO84	0.9	1.9	1.1	0.6	0.4	0.4									3.5	
AEO85	0.5	1.6	0.7	0.3	0.5	0.5	0.8	1.3	2.0	2.4	3.4					
AEO86		0.3	0.4	0.7	1.8	1.7	1.8	2.5	2.9	3.2	4.2	4.6	4.5	3.9	4.4	
AEO87			0.4	1.1	1.9	1.9	2.2	2.8	3.1	3.2	3.9				5.4	
AEO89				0.3	1.2	1.2	1.5	2.1	2.4	2.6	3.3	3.4	3.2	2.4	2.4	
AEO90					0.8	0.5					1.5				3.1	
AEO91						0.6	0.4	0.9	1.2	1.5	2.2	2.4	2.1	1.3	1.2	
AEO92							0.8	0.9	0.9	1.2	1.7	1.9	1.6	0.8	0.7	
AEO93								0.0	0.6	0.7	1.2	1.1	0.9	0.0	0.2	
AEO94									0.9	1.0	1.6	1.6	1.5	0.8	0.8	
AEO95										0.4	1.5	1.8	1.5	0.6	0.5	
AEO96											0.9	1.0	0.6	0.0	1.0	
AEO97												0.5	0.0	1.0	0.5	
AEO98												0.9	0.8	1.4	0.7	
AEO99													0.9	0.0	0.8	
AEO2000														0.9	1.0	
AEO2001															1.4	
AEO2002																
AEO2003																
Actual																
Average Absolute Error (Across AEOs)																
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
	(absolute percent error)															
AEO82	7.8	3.1	8.7	10.8	13.2	10.9										
AEO83	2.7	8.7	2.1	1.6	7.1	7.3									23.7	
AEO84	5.4	11.4	6.5	3.2	2.0	2.1									15.6	
AEO85	3.0	9.7	4.0	1.5	2.8	2.4	3.9	6.7	9.5	11.4	15.3					
AEO86		1.8	2.2	3.8	9.7	8.7	9.2	12.2	13.9	15.2	18.8	20.3	19.7	17.6	19.5	
AEO87			2.1	6.1	9.8	9.9	11.4	13.8	15.1	15.2	17.5					
AEO89				1.6	6.1	6.4	7.6	10.5	11.8	12.1	14.7	15.2	14.0	10.7	10.8	
AEO90					4.1	2.6					6.8					
AEO91						3.3	1.8	4.4	5.9	7.0	9.9	10.6	9.1	5.9	5.2	
AEO92							3.9	4.3	4.6	5.5	7.5	8.5	7.1	3.7	3.3	
AEO93								0.2	3.0	3.3	5.6	4.7	4.0	0.2	0.7	
AEO94									4.4	4.9	7.1	7.2	6.8	3.7	3.6	
AEO95										2.0	7.0	7.8	6.7	2.7	2.0	
AEO96											4.0	4.3	2.8	0.2	0.6	
AEO97												2.0	0.1	4.5	5.5	
AEO98													3.9	3.5	6.4	
AEO99													4.0	0.2	3.5	
AEO2000															4.2	
AEO2001															5.8	
AEO2002																
AEO2003																
Average Absolute Percent Error (Across AEOs)																

**Table 4. Total Natural Gas Consumption, Actual vs. Forecasts**

	2001	2002	Average Absolute Error (Across Years)
AEO82		1.7	
AEO83		1.5	
AEO84		1.2	
AEO85		1.3	
AEO86		2.8	
AEO87		2.3	
AEO89		2.2	
AEO90		0.9	
AEO91	0.2	0.1	1.2
AEO92	0.0	0.1	1.0
AEO93	0.9	1.0	0.7
AEO94	0.1	0.2	1.0
AEO95	0.0	0.0	0.8
AEO96	0.2	0.3	0.5
AEO97	1.9	2.2	1.0
AEO98	2.2	2.4	1.4
AEO99	0.9	1.2	0.8
AEO2000	0.1	0.0	0.5
AEO2001	0.4	1.1	1.0
AEO2002	0.0	1.4	0.7
AEO2003		0.7	0.7
Actual			
Average Absolute Error (Across AEOs)			1.4

	2001	2002	Average Absolute
AEO82			9.1
AEO83			7.6
AEO84			6.6
AEO85			6.4
AEO86			13.0
AEO87			11.2
AEO89			10.4
AEO90			4.5
AEO91	1.0	0.6	5.5
AEO92	0.1	0.6	4.6
AEO93	4.0	4.4	2.9
AEO94	0.6	0.8	4.5
AEO95	0.0	0.1	3.7
AEO96	1.0	1.3	2.3
AEO97	8.5	9.8	4.6
AEO98	9.9	10.5	6.2
AEO99	4.2	5.3	3.5
AEO2000	0.3	0.2	2.2
AEO2001	1.9	4.9	4.2
AEO2002	0.1	6.4	3.2
AEO2003		3.3	3.3
Average Absolute Percent Error (Across AEOs)			6.5