

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

(trillion cubic feet)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
AEO 1982	15.93	15.72	15.72	16.08	16.59	17.08													
AEO 1983	17.75	17.63	17.57	17.75	17.76	17.77							16.95						
AEO 1984	18.22	18.07	18.33	18.61	18.73	18.76							18.75						
AEO 1985	17.79	17.80	17.89	18.30	18.58	18.71	18.79	18.88	18.82	18.82	18.81								
AEO 1986		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			
AEO 1987			16.85	16.93	17.24	17.27	17.34	17.43	17.66	18.02	18.31					19.65			
AEO 1989*			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				
AEO 1990				18.34	18.66					20.69					22.88				
AEO 1991					18.53	19.21	19.34	19.56	19.76	20.01	20.21	20.66	20.93	21.23	21.64	22.03	22.33	22.35	
AEO 1992						18.79	19.36	19.84	20.08	20.53	20.68	21.12	21.42	21.66	21.89	22.23	22.59	22.82	
AEO 1993							20.27	20.17	20.54	20.97	21.54	21.83	22.20	22.57	22.83	23.14	23.44	23.75	
AEO 1994								19.87	20.21	20.64	20.99	21.20	21.42	21.60	21.99	22.37	22.63	22.95	
AEO 1995									20.82	20.66	20.85	21.21	21.65	21.95	22.12	22.25	22.43	22.62	
AEO 1996										21.32	21.64	22.11	22.21	22.26	22.34	22.46	22.74	23.14	
AEO 1997											22.15	22.75	23.24	23.64	23.86	24.13	24.65	25.34	
AEO 1998											21.84	23.03	23.84	24.08	24.44	24.81	25.33		
AEO 1999												21.35	22.36	22.54	23.18	23.65	24.17		
AEO 2000												21.46	22.36	22.66	22.19	22.42	22.92		
AEO 2001													22.00		22.67	23.55	24.37		
AEO 2002														22.22	23.89	24.73			
AEO 2003														23.20	24.00				
AEO 2004															22.09				
Actual	17.28	16.22	17.21	18.03	19.12	19.17	19.56	20.23	20.79	21.25	22.21	22.61	22.74	22.25	22.41	23.33	22.24	23.02	21.89
Average Absolute Error (All AEOs)	0.8	1.1	0.7	0.7	1.3	1.1	1.2	1.5	1.8	1.8	2.6	2.0	1.7	1.1	1.2	1.6	0.6	0.7	1.7
(percent error)																			
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
AEO 1982	-7.8	-3.1	-8.7	-10.8	-13.2	-10.9													
AEO 1983	2.7	8.7	2.1	-1.6	-7.1	-7.3							-23.7						
AEO 1984	5.4	11.4	6.5	3.2	-2.0	-2.2							-15.6						
AEO 1985	2.9	9.7	3.9	1.5	-2.8	-2.4	-3.9	-6.7	-9.5	-11.4	-15.3								
AEO 1986	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	-23.2				
AEO 1987	-2.1	-6.1	-9.8	-9.9	-11.4	-13.8	-15.1	-15.2	-17.5						-15.8				
AEO 1989*	-1.6	-6.1	-6.4	-7.6	-10.5	-11.8	-12.1	-14.7	-15.2	-14.0	-10.7	-10.8	-13.0						
AEO 1990		-4.1	-2.7						-6.8					-1.9					
AEO 1991				-3.4	-1.8	-4.4	-5.9	-7.0	-9.9	-10.6	-9.1	-5.9	-5.2	-7.3	-0.9	-3.0	2.1		
AEO 1992					-3.9	-4.3	-4.6	-5.5	-7.6	-8.5	-7.1	-3.7	-3.3	-6.2	0.0	-1.9	4.2		
AEO 1993						0.2	-3.0	-3.3	-5.6	-4.7	-4.0	-0.2	0.7	-2.2	4.1	1.8	8.5		
AEO 1994							-4.4	-4.9	-7.1	-7.2	-6.8	-3.7	-3.6	-5.8	0.6	-1.7	4.8		
AEO 1995								-2.0	-7.0	-7.8	-6.7	-2.7	-2.0	-5.2	0.1	-2.6	3.3		
AEO 1996									-4.0	-4.3	-2.8	-0.2	-0.6	-4.3	1.0	-1.2	5.7		
AEO 1997										-2.0	0.1	4.5	5.5	2.3	8.5	7.1	15.7		
AEO 1998											-3.9	3.5	6.4	3.2	9.9	7.8	15.7		
AEO 1999											-4.0	-0.2	-3.4	4.2	2.7	10.4			
AEO 2000												-4.2	-4.2	-0.2	-2.6	4.7			
AEO 2001													-5.7	1.9	2.3	11.3			
AEO 2002														-0.1	3.8	13.0			
AEO 2003														0.8	9.6				
AEO 2004														0.9					
Average Absolute Percent Error (All AEOs)	4.7	6.9	4.3	4.1	6.9	6.0	6.3	7.4	8.5	8.5	11.8	9.0	7.4	5.2	6.9	2.6	3.0	7.9	

* There is no report titled *Annual Energy Outlook 1988* due to a change in the naming convention of the AEOs.Sources: Forecasts: *Annual Energy Outlook*, Mid-Price or Reference Case Projections, Various EditionsHistorical Data: Energy Information Administration, *Annual Energy Review 2003*, DOE/EIA-0384(2003) (Washington, DC, September 2004), Table 6.1.