

Table 5. Total Petroleum Consumption, Projected vs. Actual

(million barrels per day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	18.00	17.89	17.55	17.24	16.98	16.99																			
AEO 1983	15.82	16.13	16.37	16.50	16.56	16.63					17.37														
AEO 1984	15.77	15.76	16.01	16.27	16.48	16.74					18.00														
AEO 1985	15.72	15.74	15.97	16.01	16.06	16.08	16.18	16.23	16.32	16.36	16.53														
AEO 1986		16.07	16.29	16.05	16.07	16.15	16.31	16.37	16.42	16.44	16.46	16.50	16.64	16.80	17.21	17.38									
AEO 1987			16.52	16.66	16.96	17.06	17.29	17.56	17.73	17.76	17.72														
AEO 1989*				17.01	17.20	17.44	17.57	17.72	17.76	17.78	17.82	18.05	18.12	18.19	18.40	18.61									
AEO 1990					17.24	17.41					18.21										19.47				
AEO 1991						16.95	16.65	16.83	17.01	17.17	17.34	17.53	17.83	18.09	18.33	18.53	18.87	19.12	19.24	19.27	19.49	19.66	19.81	19.96	
AEO 1992							16.74	17.07	17.37	17.59	17.80	17.86	17.99	18.14	18.26	18.43	18.70	18.90	19.09	19.16	19.40	19.58	19.73	19.81	
AEO 1993								17.07	17.45	17.79	18.15	18.26	18.60	18.88	19.07	19.25	19.54	19.75	19.98	20.15	20.38	20.53	20.65	20.72	
AEO 1994									17.67	17.99	18.20	18.42	18.66	18.85	19.06	19.34	19.52	19.74	19.99	20.21	20.40	20.61	20.81	21.00	
AEO 1995										17.53	17.93	17.96	18.29	18.48	18.69	18.87	19.08	19.31	19.58	19.85	20.10	20.29	20.47	20.65	
AEO 1996											17.78	17.88	18.10	18.38	18.58	18.78	19.02	19.20	19.41	19.66	19.89	20.08	20.23	20.41	
AEO 1997												18.18	18.34	18.70	19.05	19.38	19.68	19.91	20.19	20.44	20.68	20.94	21.18	21.35	
AEO 1998													18.89	18.92	19.36	19.62	19.94	20.27	20.52	20.81	21.15	21.53	21.81	22.12	
AEO 1999														18.86	19.20	19.91	20.23	20.47	20.65	20.88	21.16	21.48	21.78	22.11	
AEO 2000															19.33	19.56	19.91	20.17	20.42	20.76	21.08	21.41	21.72	21.99	
AEO 2001																19.50	20.04	20.36	20.62	20.91	21.21	21.52	21.82	22.12	
AEO 2002																	19.64	19.84	20.51	20.90	21.27	21.59	21.95	22.34	
AEO 2003																		19.57	19.83	20.18	20.49	20.91	21.40	21.91	
AEO 2004																			19.89	20.16	20.84	21.29	21.69	22.09	
AEO 2005																				20.50	20.91	21.30	21.72	22.18	
AEO 2006																					20.82	21.16	21.21	21.49	
AEO 2007																						20.67	20.94	21.15	
AEO 2008																							20.66	20.90	
AEO 2009																								19.37	
Actual	15.73	16.28	16.67	17.33	17.33	16.99	16.71	17.08	17.24	17.72	17.72	18.36	18.62	18.92	19.52	19.76	19.65	19.76	20.03	20.79	20.80	20.69	20.68	19.47	
Average Absolute Difference (All AEOs)	0.60	0.61	0.51	0.80	0.63	0.37	0.41	0.42	0.47	0.44	0.41	0.52	0.54	0.53	0.81	0.82	0.39	0.40	0.43	0.58	0.53	0.57	0.69	1.78	

Table 5. Total Petroleum Consumption, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	14.5	9.9	5.3	-0.5	-2.0	0.0																			
AEO 1983	0.6	-0.9	-1.8	-4.8	-4.4	-2.1					-2.0														
AEO 1984	0.3	-3.2	-3.9	-6.1	-4.9	-1.5					1.6														
AEO 1985	0.0	-3.3	-4.2	-7.6	-7.3	-5.3	-3.2	-5.0	-5.3	-7.7	-6.7														
AEO 1986		-1.3	-2.3	-7.4	-7.2	-4.9	-2.4	-4.2	-4.7	-7.2	-7.1	-10.1	-10.6	-11.2	-11.8	-12.0									
AEO 1987			-0.9	-3.9	-2.1	0.4	3.4	2.8	2.9	0.2	0.0														
AEO 1989*				-1.9	-0.7	-2.7	5.1	3.7	3.0	0.3	0.5	-1.7	-2.7	-3.8	-5.7	-5.8									
AEO 1990					-0.5	2.5					2.7														
AEO 1991						-0.2	-0.4	-1.5	-1.3	-3.1	-2.2	-4.5	-4.2	-4.4	-6.1	-6.2	-4.0	-3.2	-4.0	-7.3	-6.3	-5.0	-4.2	2.5	
AEO 1992							0.2	-0.1	0.8	-0.7	0.4	-2.7	-3.4	-4.1	-6.5	-6.7	-4.8	-4.4	-4.7	-7.8	-6.7	-5.4	-4.6	1.7	
AEO 1993								-0.1	1.2	0.4	2.4	-0.5	-0.1	-0.2	-2.3	-2.6	-0.6	-0.1	-0.3	-3.1	-2.0	-0.8	-0.1	6.4	
AEO 1994									2.5	1.5	2.7	0.3	0.2	-0.4	-2.4	-2.1	-0.7	-0.1	-0.2	-2.8	-1.9	-0.4	0.6	7.8	
AEO 1995										-1.1	1.2	-2.2	-1.8	-2.3	-4.2	-4.5	-2.9	-2.3	-2.3	-4.5	-3.4	-1.9	-1.0	6.1	
AEO 1996											0.3	-2.6	-2.8	-2.8	-4.8	-4.9	-3.2	-2.8	-3.1	-5.4	-4.4	-2.9	-2.2	4.8	
AEO 1997												-1.0	-1.5	-1.1	-2.4	-1.9	0.2	0.8	0.8	-1.7	-0.6	1.2	2.4	9.6	
AEO 1998													1.4	0.0	-0.8	-0.7	1.5	2.6	2.4	0.1	1.7	4.1	5.4	13.6	
AEO 1999														-0.3	-1.6	0.8	2.9	3.6	3.1	0.4	1.7	3.8	5.3	13.5	
AEO 2000															-1.0	-1.0	1.3	2.1	1.9	-0.1	1.3	3.5	5.0	12.9	
AEO 2001																-1.3	2.0	3.0	2.9	0.6	1.9	4.0	5.5	13.6	
AEO 2002																	0.0	0.4	2.4	0.5	2.3	4.4	6.2	14.7	
AEO 2003																		-1.0	-1.0	-2.9	-1.5	1.1	3.5	12.5	
AEO 2004																			-0.7	-3.0	0.2	2.9	4.9	13.4	
AEO 2005																				-1.4	0.5	3.0	5.0	13.9	
AEO 2006																					0.1	2.3	2.6	10.3	
AEO 2007																						-0.1	1.3	8.6	
AEO 2008																							-0.1	7.3	
AEO 2009																								-0.5	
Average Absolute Percent Difference (All AEOs)	3.8	3.7	3.1	4.6	3.6	2.2	2.5	2.5	2.7	2.5	2.3	2.9	2.9	2.8	4.1	4.2	2.0	2.0	2.1	2.8	2.5	2.7	3.3	9.2	

* 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 Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 5.1.

Table 6. Domestic Crude Oil Production, Projected vs. Actual

(million barrels per day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	8.79	8.85	8.84	8.80	8.66	8.21																			
AEO 1983	8.67	8.71	8.66	8.72	8.80	8.63					8.11														
AEO 1984	8.86	8.70	8.59	8.45	8.28	8.25					7.19														
AEO 1985	8.92	8.96	9.01	8.78	8.38	8.05	7.64	7.27	6.89	6.68	6.53														
AEO 1986		8.80	8.63	8.30	7.90	7.43	6.95	6.60	6.36	6.20	5.99	5.80	5.66	5.54	5.45	5.43									
AEO 1987			8.31	8.18	8.00	7.63	7.34	7.09	6.86	6.64	6.54					6.03									
AEO 1989*				8.18	7.97	7.64	7.25	6.87	6.59	6.37	6.17	6.05	6.00	5.94	5.90	5.89									
AEO 1990					7.67	7.37					6.40					5.86						5.35			
AEO 1991						7.23	6.98	7.10	7.11	7.01	6.79	6.48	6.22	5.92	5.64	5.36	5.11	4.90	4.73	4.62	4.59	4.58	4.53	4.46	
AEO 1992							7.37	7.17	6.99	6.89	6.68	6.45	6.28	6.16	6.06	5.91	5.79	5.71	5.66	5.64	5.62	5.63	5.62	5.55	
AEO 1993								7.20	6.94	6.79	6.52	6.22	6.00	5.84	5.72	5.60	5.54	5.50	5.50	5.51	5.50	5.50	5.54	5.57	
AEO 1994									6.87	6.50	6.18	5.92	5.72	5.54	5.35	5.18	5.07	5.00	4.93	4.88	4.84	4.82	4.87	4.90	
AEO 1995										6.58	6.32	6.04	5.74	5.58	5.39	5.35	5.27	5.25	5.22	5.19	5.16	5.17	5.17	5.26	
AEO 1996											6.54	6.33	6.16	5.95	5.79	5.65	5.51	5.42	5.35	5.31	5.25	5.26	5.28	5.34	
AEO 1997												6.47	6.32	6.15	6.02	5.87	5.73	5.63	5.57	5.52	5.49	5.47	5.45	5.43	
AEO 1998													6.41	6.39	6.28	6.17	6.08	6.01	5.94	5.88	5.82	5.77	5.72	5.67	
AEO 1999															6.41	6.29	6.21	6.05	5.95	5.87	5.82	5.79	5.73	5.68	
AEO 2000																6.01	5.98	5.81	5.65	5.52	5.43	5.36	5.31	5.26	5.22
AEO 2001																	5.89	5.92	6.04	6.01	5.78	5.65	5.46	5.36	5.30
AEO 2002																		5.84	5.85	5.68	5.50	5.38	5.32	5.32	5.24
AEO 2003																			5.89	5.81	5.66	5.58	6.01	6.06	5.95
AEO 2004																				5.69	5.80	5.86	5.93	6.09	6.11
AEO 2005																					5.64	5.82	6.03	6.09	6.15
AEO 2006																						5.33	5.50	5.54	5.65
AEO 2007																							5.10	5.48	5.64
AEO 2008																								5.10	5.14
AEO 2009																									4.96
Actual	8.97	8.68	8.35	8.16	7.61	7.36	7.42	7.19	6.85	6.66	6.56	6.48	6.45	6.25	5.88	5.84	5.80	5.75	5.68	5.43	5.18	5.10	5.06	4.97	
Average Absolute Difference (All AEOs)	0.2	0.1	0.3	0.3	0.6	0.5	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	

Table 6. Domestic Crude Oil Production, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	-2.0	2.0	5.9	7.8	13.8	11.6																			
AEO 1983	-3.4	0.3	3.7	6.8	15.6	17.3					23.6														
AEO 1984	-1.2	0.2	2.9	3.5	8.8	12.2					9.6														
AEO 1985	-0.6	3.2	7.9	7.6	10.1	9.4					-0.5														
AEO 1986		1.4	3.4	1.7	3.8	1.0	-6.3	-8.2	-7.1	-6.9	-8.7	-10.5	-12.3	-11.4	-7.3	-7.0									
AEO 1987				0.2	5.1	3.7	-1.0	-1.4	0.2	-0.3	-0.3					3.3									
AEO 1989*				0.2	4.7	3.9	-2.2	-4.5	-3.7	-4.4	-5.9	-6.7	-7.0	-5.0	0.3	0.9									
AEO 1990					0.7	0.2					-2.4					0.4						3.3			
AEO 1991						-1.7	-5.9	-1.3	3.8	5.2	3.5	0.0	-3.6	-5.3	-4.1	-8.2	-11.9	-14.7	-16.7	-15.0	-11.4	-10.2	-10.5	-10.2	
AEO 1992							-0.6	-0.3	2.1	3.4	1.8	-0.5	-2.7	-1.5	3.0	1.2	-0.2	-0.6	-0.4	3.8	8.5	10.3	11.0	11.7	
AEO 1993								0.1	1.4	1.9	-0.6	-4.0	-7.0	-6.6	-2.7	-4.1	-4.5	-4.3	-3.2	1.4	6.2	7.8	9.4	12.1	
AEO 1994									0.3	-2.4	-5.8	-8.7	-11.3	-11.4	-9.0	-11.3	-12.6	-13.0	-13.2	-10.2	-6.5	-5.5	-3.8	-1.4	
AEO 1995										-1.2	-3.7	-6.8	-11.0	-10.7	-8.4	-8.4	-9.2	-8.6	-8.1	-4.5	-0.4	1.3	2.1	5.9	
AEO 1996											-0.3	-2.3	-4.5	-4.8	-1.6	-3.2	-5.0	-5.7	-5.8	-2.3	1.4	3.1	4.3	7.5	
AEO 1997												-0.2	-2.0	-0.6							6.0	7.2	7.6	9.3	
AEO 1998															2.2	6.7	5.7	4.8	4.5	4.6	8.2	12.4	13.0	12.9	14.0
AEO 1999															2.5	7.6	7.8	7.0	5.3	4.7	7.9	12.3	13.5	13.2	14.4
AEO 2000																2.1	2.4	0.2	-1.6	-2.8	-0.1	3.5	4.1	3.9	5.0
AEO 2001																	1.0	2.1	5.1	5.8	6.4	9.1	7.1	5.9	6.6
AEO 2002																		0.7	1.8	0.0	1.3	3.8	4.4	5.1	5.5
AEO 2003																			2.5	2.3	4.1	7.8	17.8	19.6	19.7
AEO 2004																				0.1	6.7	13.2	16.3	20.2	23.0
AEO 2005																					3.8	12.4	18.1	20.2	23.7
AEO 2006																						2.8	7.8	9.4	13.7
AEO 2007																							-0.1	8.2	13.5
AEO 2008																								0.7	3.4
AEO 2009																									-0.3
Average Absolute Percent Difference (All AEOs)	1.8	1.4	4.0	4.0	7.8	6.8	3.2	2.4	2.4	2.9	5.1	4.4	6.2	5.7	4.6	4.3	5.0	5.4	5.0	5.2	7.1	8.7	9.3	10.6	

* 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 Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 5.1.

Table 7. Petroleum Net Imports, Projected vs. Actual

(million barrels per day)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	7.58	7.45	7.12	6.82	6.66	7.09																			
AEO 1983	5.15	5.44	5.73	5.79	5.72	5.95					6.96														
AEO 1984	4.85	5.11	5.53	5.95	6.31	6.59					8.65														
AEO 1985	4.17	4.38	4.73	4.93	5.36	5.72	6.23	6.66	7.14	7.39	7.74														
AEO 1986		5.15	5.38	5.46	5.92	6.46	7.09	7.50	7.78	7.96	8.20	8.47	8.74	9.04	9.57	9.76									
AEO 1987			5.81	6.04	6.81	7.28	7.82	8.34	8.71	8.94	8.98														
AEO 1989*				6.28	6.84	7.49	7.96	8.53	8.83	9.04	9.28	9.60	9.64	9.75	10.02	10.20									
AEO 1990					7.20	7.61					9.13											11.02			
AEO 1991						7.28	7.25	7.34	7.48	7.72	8.10	8.57	9.09	9.61	10.07	10.51	11.00	11.44	11.72	11.86	12.11	12.30	12.49	12.71	
AEO 1992							6.86	7.42	7.88	8.16	8.55	8.80	9.06	9.32	9.50	9.80	10.17	10.35	10.56	10.61	10.85	11.00	11.15	11.29	
AEO 1993								7.25	8.01	8.49	9.06	9.38	9.92	10.29	10.53	10.77	11.09	11.31	11.50	11.63	11.86	12.01	12.08	12.10	
AEO 1994								8.04	8.77	9.21	9.60	10.02	10.24	10.63	10.94	11.23	11.54	11.79	12.05	12.26	12.44	12.56	12.71	12.71	
AEO 1995									8.09	8.65	8.99	9.56	9.89	10.25	10.46	10.74	10.96	11.24	11.53	11.79	11.95	12.11	12.17	12.17	
AEO 1996										8.25	8.51	8.82	9.31	9.64	10.08	10.43	10.66	10.90	11.15	11.41	11.54	11.67	11.75	11.75	
AEO 1997											8.49	8.89	9.58	10.04	10.48	10.89	11.19	11.48	11.74	12.00	12.23	12.47	12.65	12.65	
AEO 1998												9.05	9.29	10.01	10.17	10.62	11.11	11.33	11.78	12.10	12.48	12.71	13.02	13.02	
AEO 1999													9.26	9.43	10.65	11.02	11.38	11.61	11.88	12.17	12.45	12.74	13.10	13.10	
AEO 2000															9.86	10.54	11.06	11.47	11.84	12.23	12.54	12.85	13.10	13.38	
AEO 2001																10.17	10.95	11.04	11.27	11.75	12.15	12.62	13.01	13.31	
AEO 2002																	10.55	10.94	11.48	12.04	12.50	12.75	13.01	13.43	
AEO 2003																		10.35	11.10	11.11	11.49	11.47	11.88	12.42	
AEO 2004																			10.99	11.41	11.53	11.87	12.05	12.39	
AEO 2005																				11.66	11.91	11.80	12.11	12.48	
AEO 2006																					12.45	12.43	11.96	12.05	
AEO 2007																						12.47	11.77	11.57	
AEO 2008																							12.08	12.44	12.44
AEO 2009																								11.04	11.04
Actual	4.29	5.44	5.91	6.60	7.20	7.16	6.63	6.96	7.62	8.05	7.89	8.52	9.16	9.76	9.91	10.45	10.90	10.55	11.24	12.13	12.55	12.39	12.04	11.07	
Average Absolute Difference (All AEOs)	1.2	0.7	0.6	0.8	0.8	0.6	0.7	0.7	0.5	0.5	0.8	0.4	0.4	0.4	0.3	0.3	0.2	0.6	0.3	0.5	0.7	0.4	0.4	1.4	

Table 7. Petroleum Net Imports, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	76.8	37.0	20.4	3.3	-7.5	-1.0																			
AEO 1983	20.2	0.0	-3.1	-12.3	-20.6	-16.9					-11.7														
AEO 1984	13.2	-6.0	-6.5	-9.9	-12.4	-8.0					9.7														
AEO 1985	-2.7	-19.5	-20.0	-25.4	-25.6	-20.1	-6.0	-4.3	-6.3	-8.2	-1.8														
AEO 1986		-5.3	-9.0	-17.3	-17.8	-9.8	7.0	7.8	2.1	-1.2	4.0	-0.6	-4.6	-7.4	-3.5	-6.6									
AEO 1987			-1.8	-8.5	-5.4	1.7	18.0	19.9	14.3	11.0	13.9														
AEO 1989*				-4.9	-5.0	4.6	20.1	22.6	15.9	12.2	17.7	12.7	5.3	-0.1	1.1	-2.4									
AEO 1990					0.0	6.3					15.8														
AEO 1991						1.7	9.4	5.5	-1.8	-4.1	2.7	0.6	-0.7	-1.6	1.6	0.6	0.9	8.5	4.3	-2.2	-3.5	-0.7	3.8	14.8	
AEO 1992							3.5	6.7	3.4	1.3	8.4	3.3	-1.1	-4.5	-4.2	-6.2	-6.7	-1.9	-6.0	-12.5	-13.5	-11.2	-7.4	2.0	
AEO 1993								4.2	5.1	5.4	14.9	10.1	8.3	5.4	6.2	3.1	1.7	7.2	2.3	-4.1	-5.5	-3.1	0.4	9.3	
AEO 1994									5.5	8.9	16.8	12.7	9.4	4.9	7.2	4.7	3.0	9.4	4.9	-0.7	-2.3	0.4	4.4	14.8	
AEO 1995										0.4	9.7	5.5	4.4	1.3	3.4	0.1	-1.5	3.9	0.0	-4.9	-6.0	-3.6	0.6	9.9	
AEO 1996											4.6	-0.1	-3.7	-4.6	-2.7	-3.5	-4.3	1.1	-3.0	-8.1	-9.1	-6.9	-3.0	6.1	
AEO 1997												-0.4	-2.9	-1.9	1.3	0.3	-0.1	6.1	2.2	-3.2	-4.4	-1.3	3.6	14.3	
AEO 1998													-1.2	-4.9	1.0	-2.6	-2.6	5.3	0.9	-2.9	-3.6	0.7	5.6	17.6	
AEO 1999														-5.2	-4.9	2.0	1.1	7.9	3.3	-2.1	-3.0	0.5	5.9	18.3	
AEO 2000																-0.5	0.9	1.5	8.8	5.3	0.9	0.0	3.7	8.8	20.8
AEO 2001																	-2.7	0.4	4.6	0.3	-3.1	-3.2	1.9	8.1	20.2
AEO 2002																		-3.2	3.7	2.2	-0.7	-0.4	2.9	8.1	21.3
AEO 2003																			-1.9	-1.2	-8.4	-8.4	-7.4	-1.3	12.2
AEO 2004																				-2.2	-6.0	-8.1	-4.2	0.1	11.9
AEO 2005																					-3.9	-5.1	-4.8	0.6	12.7
AEO 2006																						-0.8	0.3	-0.6	8.8
AEO 2007																							0.7	-2.2	4.5
AEO 2008																								0.3	12.4
AEO 2009																									-0.3
Average Absolute Percent Difference (All AEOs)	28.2	13.6	10.1	11.7	11.8	7.8	10.7	10.1	6.8	5.9	10.1	5.1	4.2	3.8	3.1	3.0	2.3	5.4	2.7	4.2	5.2	3.2	3.6	12.2	

* 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 Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 5.1.

Table 8. Natural Gas Wellhead Prices, Projected vs. Actual

(current dollars per thousand cubic feet)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	4.32	5.47	6.67	7.51	8.04	8.57																		
AEO 1983	2.93	3.11	3.46	3.93	4.56	5.26					12.74													
AEO 1984	2.77	2.90	3.21	3.63	4.13	4.79					9.33													
AEO 1985	2.60	2.61	2.66	2.71	2.94	3.35	3.85	4.46	5.10	5.83	6.67													
AEO 1986		1.73	1.96	2.29	2.54	2.81	3.15	3.73	4.34	5.06	5.90	6.79	7.70	8.62	9.68	10.80								
AEO 1987			1.83	1.95	2.11	2.28	2.49	2.72	3.08	3.51	4.07					7.54								
AEO 1989*				1.62	1.70	1.91	2.13	2.58	3.04	3.48	3.93	4.76	5.23	5.80	6.43	6.98								
AEO 1990					1.78	1.88					2.93					5.36						9.15		
AEO 1991						1.77	1.90	2.11	2.30	2.42	2.51	2.60	2.74	2.91	3.29	3.75	4.31	5.07	5.77	6.45	7.29	8.09	8.94	9.62
AEO 1992							1.69	1.85	2.03	2.15	2.35	2.51	2.74	3.01	3.40	3.81	4.24	4.74	5.25	5.78	6.37	6.89	7.50	8.15
AEO 1993								1.85	1.94	2.09	2.30	2.44	2.60	2.85	3.12	3.47	3.84	4.31	4.81	5.28	5.68	6.05	6.46	6.94
AEO 1994									1.98	2.12	2.27	2.41	2.59	2.73	2.85	2.98	3.14	3.35	3.59	3.85	4.18	4.51	4.92	5.29
AEO 1995										1.89	2.00	1.95	2.06	2.15	2.40	2.57	2.90	3.16	3.56	3.87	4.27	4.56	4.85	5.16
AEO 1996											1.63	1.74	1.86	1.99	2.10	2.19	2.29	2.38	2.48	2.59	2.72	2.84	2.97	3.12
AEO 1997												2.03	1.82	1.90	1.99	2.06	2.13	2.21	2.32	2.43	2.54	2.65	2.77	2.88
AEO 1998													2.30	2.20	2.26	2.31	2.38	2.44	2.52	2.60	2.69	2.79	2.93	3.06
AEO 1999														1.98	2.15	2.20	2.32	2.43	2.53	2.63	2.76	2.90	3.02	3.12
AEO 2000															2.15	2.23	2.32	2.40	2.51	2.66	2.81	2.97	3.10	
AEO 2001																3.39	3.48	2.97	2.74	2.70	2.83	2.95	3.06	3.17
AEO 2002																	4.03	2.06	2.53	2.84	3.01	3.13	3.23	3.40
AEO 2003																		2.79	3.26	3.13	3.15	3.15	3.30	3.51
AEO 2004																			4.97	4.00	3.72	3.73	3.86	4.07
AEO 2005																				5.38	5.52	4.95	4.57	4.23
AEO 2006																					7.81	7.16	6.53	6.27
AEO 2007																						6.87	7.00	7.07
AEO 2008																							6.37	6.87
AEO 2009																								8.06
Actual	2.51	1.94	1.67	1.69	1.69	1.71	1.64	1.74	2.04	1.85	1.55	2.17	2.32	1.96	2.19	3.68	4.00	2.95	4.88	5.46	7.33	6.39	6.37	8.07
Average Absolute Difference (All AEOs)	0.6	1.3	1.6	1.7	1.8	1.9	0.9	1.0	1.0	1.3	3.0	1.0	1.1	1.3	1.4	1.7	1.0	0.8	1.6	1.9	3.1	2.3	2.1	3.1

Table 8. Natural Gas Wellhead Prices, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	72.0	182.1	299.6	344.6	375.6	401.0																		
AEO 1983	16.7	60.1	107.4	132.5	169.8	207.4					721.7													
AEO 1984	10.4	49.3	92.3	114.6	144.6	180.1					501.7													
AEO 1985	3.6	34.4	59.0	60.2	74.2	95.9	135.0	156.3	150.1	215.4	330.3													
AEO 1986		-10.8	17.1	35.4	50.5	64.4	91.9	114.2	112.9	173.4	280.3	213.0	231.9	339.9	341.8	193.4								
AEO 1987			9.6	15.2	24.6	33.5	51.5	56.6	51.0	89.7	162.9					105.0								
AEO 1989*				-4.1	0.6	11.4	29.9	48.1	49.1	88.1	153.5	119.5	125.3	195.8	193.7	89.7								
AEO 1990					5.3	10.2					89.1					45.8						24.9		
AEO 1991						3.5	15.8	21.3	12.8	30.6	61.7	19.9	17.9	48.5	50.2	1.8	7.8	71.9	18.2	18.1	-0.6	26.7	40.4	19.3
AEO 1992							2.8	6.2	-0.4	16.1	51.6	15.7	18.2	53.7	55.1	3.5	5.9	60.5	7.7	5.8	-13.1	7.8	17.8	1.0
AEO 1993								6.1	-5.1	13.0	48.5	12.4	12.0	45.2	42.7	-5.8	-3.9	45.9	-1.4	-3.4	-22.5	-5.3	1.5	-14.0
AEO 1994									-2.8	14.9	46.2	11.0	11.5	39.2	30.4	-19.0	-21.5	13.4	-26.4	-29.5	-42.9	-29.4	-22.8	-34.4
AEO 1995										2.3	28.9					-30.2	-27.6	7.1	-27.1	-29.1	-41.8	-28.6	-23.9	-36.1
AEO 1996											5.2	-19.8	-19.7	1.6	-3.9	-40.4	-42.8	-19.4	-49.3	-52.6	-62.9	-55.6	-53.4	-61.4
AEO 1997												-6.3	-21.4	-2.8	-9.2	-43.9	-46.6	-25.0	-52.5	-55.5	-65.3	-58.5	-56.6	-64.3
AEO 1998													-1.0	12.1	3.0	-37.2	-40.5	-17.1	-48.4	-52.5	-63.3	-56.3	-54.1	-62.0
AEO 1999														0.9	-1.9	-40.1	-42.1	-17.8	-48.1	-51.8	-62.4	-54.6	-52.6	-61.3
AEO 2000															-2.0	-39.3	-43.3	-21.4	-50.9	-54.0	-63.7	-56.0	-53.4	-61.6
AEO 2001																-7.8	-12.9	-43.9	-50.5	-61.4	-53.9	-52.0	-60.7	
AEO 2002																	0.6	-30.1	-48.1	-47.9	-59.0	-51.0	-49.3	-57.9
AEO 2003																		-5.6	-33.2	-42.8	-57.1	-50.8	-48.1	-56.6
AEO 2004																			1.9	-26.8	-49.3	-41.7	-39.4	-49.5
AEO 2005																				-1.4	-24.7	-22.6	-28.3	-47.5
AEO 2006																					6.5	12.1	2.5	-22.3
AEO 2007																						7.5	10.0	-12.4
AEO 2008																							0.0	-14.9
AEO 2009																								-0.2
Average Absolute Percent Difference (All AEOs)	25.7	67.3	97.5	100.9	105.7	111.9	54.5	58.4	48.0	71.5	190.9	47.5	47.0	68.1	62.0	46.9	24.6	25.8	32.7	34.8	42.4	36.4	33.7	38.8

* 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 Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 6.7.

Table 9. Total Natural Gas Consumption, Projected vs. Actual

(trillion cubic feet)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
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													
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											22.72		
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	22.32	22.27	22.18	22.11	22.00
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	22.95	23.10	23.05	23.00	22.92
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	24.01	24.09	24.17	24.18	24.11
AEO 1994									19.87	20.21	20.64	20.99	21.20	21.42	21.60	21.99	22.37	22.63	22.95	23.22	23.58	23.82	24.09	24.13
AEO 1995										20.82	20.66	20.85	21.21	21.65	21.95	22.12	22.25	22.43	22.62	22.87	23.08	23.36	23.61	24.08
AEO 1996											21.32	21.64	22.11	22.21	22.26	22.34	22.46	22.74	23.14	23.63	24.08	24.25	24.63	25.11
AEO 1997												22.15	22.75	23.24	23.64	23.86	24.13	24.65	25.34	25.82	26.22	26.52	27.00	27.35
AEO 1998													21.84	23.03	23.84	24.08	24.44	24.81	25.33	25.72	26.22	26.65	27.22	27.84
AEO 1999														21.35	22.36	23.18	23.65	24.17	24.57	25.19	25.77	26.41	26.92	
AEO 2000															21.46	22.36	22.19	22.42	22.92	23.27	23.91	24.53	25.25	25.84
AEO 2001																22.00	22.67	23.55	24.37	24.96	25.24	25.70	26.01	26.59
AEO 2002																	22.22	23.89	24.73	25.20	25.50	26.00	26.43	26.96
AEO 2003																		23.20	24.00	24.48	24.60	24.98	25.21	25.98
AEO 2004																			22.09	23.17	23.53	24.04	24.50	25.12
AEO 2005																				22.14	22.32	22.64	23.07	23.95
AEO 2006																					22.21	22.17	22.38	22.87
AEO 2007																						21.72	22.68	23.40
AEO 2008																							22.90	23.12
AEO 2009																								23.04
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	23.01	22.28	22.39	22.01	21.68	23.05	23.24
Average Absolute Difference (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	1.4	1.5	2.0	2.5	1.7	1.8

Table 9. Total Natural Gas Consumption, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
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														
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					3.2				
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	-2.9	0.3	-0.3	1.2	2.3	-4.1	-5.3	
AEO 1992							-3.9	-4.3	-4.6	-5.5	-7.6	-8.5	-7.1	-3.7	-3.3	-6.2	0.0	-1.8	2.4	2.5	4.9	6.3	-0.2	-1.4	
AEO 1993								0.2	-3.0	-3.3	-5.6	-4.7	-4.0	-0.2	0.7	-2.2	4.1	1.9	6.6	7.2	9.4	11.5	4.9	3.7	
AEO 1994									-4.4	-4.9	-7.1	-7.2	-6.8	-3.7	-3.6	-5.8	0.6	-1.6	3.0	3.7	7.1	9.8	4.5	3.8	
AEO 1995										-2.0	-7.0	-7.8	-6.7	-2.7	-2.0	-5.2	0.1	-2.5	1.5	2.1	4.9	7.7	2.4	3.6	
AEO 1996											-4.0	-4.3	-2.8	-0.2	-0.6	-4.3	1.0	-1.2	3.9	5.5	9.4	11.8	6.9	8.0	
AEO 1997												-2.0	0.1	4.5	5.5	2.3	8.5	7.1	13.8	15.3	19.1	22.3	17.2	17.7	
AEO 1998													-3.9	3.5	6.4	3.2	9.9	7.8	13.7	14.9	19.1	22.9	18.1	19.8	
AEO 1999														-4.0	-0.2	-3.4	4.2	2.8	8.5	9.8	14.5	18.8	14.6	15.8	
AEO 2000															-4.2	-4.2	-0.2	-2.6	2.9	3.9	8.6	13.1	9.5	11.2	
AEO 2001																-5.7	-1.9	2.4	9.4	11.5	14.7	18.5	12.9	14.4	
AEO 2002																		-0.1	3.8	11.0	12.6	15.8	19.9	14.7	16.0
AEO 2003																			0.8	7.7	9.3	11.8	15.2	9.4	11.8
AEO 2004																				-0.8	3.5	6.9	10.9	6.3	8.1
AEO 2005																					-1.1	1.4	4.4	0.1	3.0
AEO 2006																						0.9	2.2	-2.9	-1.6
AEO 2007																							0.2	-1.6	0.7
AEO 2008																								-0.6	-0.5
AEO 2009																									-0.9
Average Absolute Percent Difference (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	5.2	6.9	2.6	3.0	6.1	6.9	9.0	11.6	7.3	7.8	

* 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 Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 6.1.

Table 10. Natural Gas Production, Projected vs. Actual

(trillion cubic feet)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	14.74	14.26	14.33	14.89	15.39	15.88																			
AEO 1983	16.48	16.27	16.20	16.31	16.27	16.29					14.89														
AEO 1984	17.48	17.10	17.44	17.58	17.52	17.32					16.39														
AEO 1985	16.95	17.08	17.11	17.29	17.40	17.33	17.32	17.27	17.05	16.80	16.50														
AEO 1986		16.30	16.27	17.15	16.68	16.90	16.97	16.87	16.93	16.86	16.62	16.40	16.33	16.57	16.23	16.12									
AEO 1987			16.21	16.09	16.38	16.32	16.30	16.30	16.44	16.62	16.81														
AEO 1989*				16.71	16.91	16.94	17.01	16.83	17.09	17.35	17.54	17.67	17.98	18.20	18.25	18.49									
AEO 1990				16.91	16.91	17.25					18.84											20.24			
AEO 1991					17.40	17.40	17.48	18.11	18.22	18.15	18.22	18.39	18.82	19.03	19.28	19.62	19.89	20.13	20.07	19.95	19.82	19.64	19.50	19.30	
AEO 1992						17.43	17.69	17.95	18.00	18.29	18.27	18.51	18.75	18.97	19.19	19.48	19.78	19.91	19.90	19.99	19.82	19.82	19.73	19.60	
AEO 1993							18.47	18.05	18.16	18.45	18.90	19.07	19.30	19.60	19.86	20.07	20.35	20.56	20.74	20.65	20.55	20.40	20.25		
AEO 1994								17.71	17.68	17.84	18.12	18.25	18.43	18.58	18.93	19.28	19.51	19.80	19.92	20.13	20.18	20.38	20.35		
AEO 1995									18.28	17.98	17.92	18.21	18.63	18.92	19.08	19.20	19.36	19.52	19.75	19.94	20.17	20.28	20.60		
AEO 1996										18.90	19.15	19.52	19.59	19.59	19.65	19.73	19.97	20.36	20.82	21.25	21.37	21.68	22.11		
AEO 1997											19.10	19.70	20.17	20.32	20.54	20.77	21.26	21.90	22.31	22.66	22.93	23.38	23.68		
AEO 1998												18.85	19.06	20.35	20.27	20.60	20.94	21.44	21.81	22.25	22.65	23.18	23.75		
AEO 1999													18.80	19.28	19.82	20.23	20.77	21.05	21.57	21.98	22.47	22.85	22.85		
AEO 2000														18.36	18.89	18.47	18.50	18.88	19.15	19.70	20.27	20.90	21.42		
AEO 2001															18.61	18.89	19.67	20.28	20.65	20.81	21.11	21.34	21.81		
AEO 2002																19.28	19.54	20.20	20.52	20.73	21.25	21.70	22.29		
AEO 2003																	19.37	19.99	20.15	20.14	20.43	20.51	21.09		
AEO 2004																		19.57	19.51	19.58	19.66	19.95	20.21		
AEO 2005																			18.91	19.27	19.24	19.49	19.90		
AEO 2006																				18.14	18.16	18.00	18.38		
AEO 2007																					18.57	19.12	19.41		
AEO 2008																							19.00	19.18	
AEO 2009																								20.48	
Actual	16.45	16.06	16.62	17.10	17.31	17.81	17.70	17.84	18.10	18.82	18.60	18.85	18.90	19.02	18.83	19.18	19.62	18.93	19.10	18.59	18.05	18.50	19.09	20.57	
Average Absolute Difference (All AEOs)	0.8	0.9	0.8	0.7	0.7	1.0	0.6	0.7	0.7	1.3	1.2	0.8	0.7	0.6	0.8	0.8	0.5	1.0	1.2	1.8	2.4	2.0	1.7	1.2	

Table 10. Natural Gas Production, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	-10.4	-11.2	-13.8	-12.9	-11.1	-10.8																			
AEO 1983	0.2	1.3	-2.5	-4.6	-6.0	-8.5					-19.9														
AEO 1984	6.2	6.5	4.9	2.8	1.2	-2.7					-11.9														
AEO 1985	3.0	6.4	2.9	1.1	0.5	-2.7	-2.1	-3.2	-5.8	-10.7	-11.3														
AEO 1986		1.5	-2.1	0.3	-3.6	-5.1	-4.1	-5.4	-6.4	-10.4	-10.6	-13.0	-13.6	-12.9	-13.8	-16.0									
AEO 1987			-2.5	-5.9	-5.4	-8.4	-7.9	-8.6	-9.1	-11.7	-9.6														
AEO 1989*				-2.3	-3.5	-4.9	-3.9	-5.7	-5.6	-7.8	-5.7	-6.3	-4.9	-4.3	-3.1	-3.6									
AEO 1990					-2.3	-3.1					1.3					7.3					12.1				
AEO 1991						-2.3	-1.2	1.5	0.7	-3.6	-2.0	-2.5	-0.4	0.0	2.4	2.3	1.4	6.4	5.1	7.3	9.8	6.1	2.2	-6.2	
AEO 1992							-1.5	-0.8	-0.8	-4.4	-1.7	-3.1	-2.1	-1.4	0.7	0.0	-0.7	4.5	4.2	7.0	10.7	7.1	3.4	-4.7	
AEO 1993								3.5	-0.3	-3.5	-0.8	0.2	0.9	1.5	4.1	3.5	2.3	7.5	7.7	11.6	14.4	11.1	6.9	-1.6	
AEO 1994									-2.1	-6.1	-4.1	-3.9	-3.5	-3.1	-1.3	-1.3	-1.7	3.1	3.7	7.1	11.5	9.1	6.8	-1.1	
AEO 1995									-2.9	-3.3	-5.0	-3.7	-2.1	0.5	-0.5	-2.1	2.3	2.2	6.2	10.5	9.0	6.2	0.1		
AEO 1996											1.6	1.6	3.3	3.0	4.0	2.4	0.6	5.5	6.6	12.0	17.7	15.5	13.6	7.5	
AEO 1997												1.3	4.2	6.0	7.9	7.1	5.9	12.3	14.7	20.0	25.5	23.9	22.5	15.1	
AEO 1998													-0.3	0.2	8.1	5.7	5.0	10.7	12.3	17.3	23.3	22.4	21.4	15.4	
AEO 1999														-1.2	1.6	0.5	1.0	6.9	8.7	13.2	19.5	18.8	17.7	11.1	
AEO 2000															-2.5	-1.5	-5.9	-2.2	-1.1	3.0	9.1	9.5	9.5	4.1	
AEO 2001																-3.0	-3.7	3.9	6.2	11.1	15.3	14.1	11.8	6.0	
AEO 2002																	-1.7	3.2	5.7	10.4	14.8	14.9	13.7	8.3	
AEO 2003																		2.3	4.7	8.4	11.6	10.4	7.5	2.5	
AEO 2004																			2.4	4.9	8.5	6.3	4.5	-1.8	
AEO 2005																				1.7	6.8	4.0	2.1	-3.3	
AEO 2006																					0.5	-1.9	-5.7	-10.6	
AEO 2007																						0.4	0.2	-5.7	
AEO 2008																								-6.8	
AEO 2009																							-0.5	-0.5	
Average Absolute Percent Difference (All AEOs)	5.0	5.4	4.8	4.3	4.2	5.4	3.5	4.1	3.8	6.8	6.5	4.1	3.7	3.2	4.2	4.3	2.7	5.4	6.1	9.4	13.0	10.8	8.7	5.9	

* 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 Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 6.1.

Table 11. Natural Gas Net Imports, Projected vs. Actual

(trillion cubic feet)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	1.19	1.19	1.19	1.19	1.19	1.19																		
AEO 1983	1.08	1.16	1.23	1.23	1.23	1.23					1.23													
AEO 1984	0.99	1.05	1.16	1.27	1.43	1.57					2.11													
AEO 1985	0.94	1.00	1.19	1.45	1.58	1.86	1.94	2.06	2.17	2.32	2.44													
AEO 1986		0.74	0.88	0.62	1.03	1.05	1.27	1.39	1.47	1.66	1.79	1.96	2.17	2.38	2.42	2.43								
AEO 1987			0.84	0.89	1.07	1.16	1.26	1.36	1.46	1.65	1.75					2.50								
AEO 1989*				1.15	1.32	1.44	1.52	1.61	1.70	1.79	1.87	1.98	2.06	2.15	2.23	2.31								
AEO 1990					1.26	1.43					2.07					2.68						2.95		
AEO 1991						1.36	1.53	1.70	1.82	2.11	2.30	2.33	2.36	2.42	2.49	2.56	2.70	2.75	2.83	2.90	2.95	3.02	3.09	3.17
AEO 1992							1.48	1.62	1.88	2.08	2.25	2.41	2.56	2.68	2.70	2.72	2.76	2.84	2.92	3.05	3.10	3.20	3.25	3.30
AEO 1993								1.79	2.08	2.35	2.49	2.61	2.74	2.89	2.95	3.00	3.05	3.10	3.17	3.29	3.42	3.58	3.75	3.85
AEO 1994									2.02	2.40	2.66	2.74	2.81	2.85	2.89	2.93	2.95	2.97	3.00	3.16	3.31	3.50	3.57	3.63
AEO 1995										2.46	2.54	2.80	2.87	2.87	2.89	2.90	2.90	2.92	2.95	2.97	3.00	3.03	3.19	3.35
AEO 1996											2.56	2.75	2.85	2.88	2.93	2.98	3.02	3.06	3.07	3.09	3.12	3.17	3.23	3.29
AEO 1997												2.82	2.96	3.16	3.43	3.46	3.50	3.53	3.58	3.64	3.69	3.74	3.78	3.83
AEO 1998													2.95	3.19	3.53	3.84	3.87	3.89	3.94	3.98	4.02	4.06	4.11	4.16
AEO 1999														2.92	3.16	3.29	3.41	3.44	3.47	3.59	3.68	3.85	4.00	4.12
AEO 2000															3.42	3.65	3.85	4.00	4.10	4.14	4.19	4.24	4.32	4.38
AEO 2001																3.51	3.76	3.88	4.07	4.33	4.48	4.65	4.74	4.86
AEO 2002																	3.68	3.74	4.04	4.31	4.50	4.58	4.68	4.72
AEO 2003																		3.17	3.32	3.67	3.86	3.98	4.17	4.41
AEO 2004																			3.51	3.60	3.87	4.28	4.43	4.78
AEO 2005																				3.28	3.37	3.64	3.75	4.13
AEO 2006																					3.39	3.65	4.00	4.09
AEO 2007																						3.29	3.43	3.87
AEO 2008																							3.80	3.85
AEO 2009																								3.03
Actual	0.89	0.69	0.94	1.22	1.27	1.45	1.64	1.92	2.21	2.46	2.69	2.78	2.84	2.99	3.42	3.54	3.60	3.50	3.26	3.40	3.61	3.46	3.79	2.96
Average Absolute Difference (All AEOs)	0.2	0.3	0.2	0.2	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.3	0.3	0.3	0.5	0.6	0.4	0.4	0.4	0.4	0.4	0.5	0.4	1.0

Table 11. Natural Gas Net Imports, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	33.0	72.7	26.8	-2.5	-6.6	-17.7																			
AEO 1983	20.7	68.3	31.1	0.8	-3.5	-15.0					-54.2														
AEO 1984	10.7	52.4	23.6	4.1	12.2	8.5					-21.5														
AEO 1985	5.1	45.1	26.8	18.8	24.0	28.6	18.0	7.2	-1.8	-5.8	-9.2														
AEO 1986		7.4	-6.2	-49.2	-19.2	-27.4	-22.8	-27.7	-33.5	-32.6	-33.4	-29.6	-23.5	-20.5	-29.3	-31.3									
AEO 1987			-10.5	-27.1	-16.1	-19.8	-23.4	-29.2	-33.9	-33.0	-34.9														
AEO 1989*				-5.8	3.6	-0.5	-7.5	-16.2	-23.1	-27.3	-30.4	-28.9	-27.4	-28.2	-34.8										
AEO 1990					-1.1	-1.2					-23.0														
AEO 1991						-6.0	-6.9	-11.5	-17.6	-14.3	-14.4	-16.3	-16.8	-19.1	-27.2	-27.6	-25.1	-21.4	-13.3	-14.8	-18.3	-12.8	-18.4	7.0	
AEO 1992							-10.0	-15.7	-14.9	-15.5	-16.3	-13.4	-9.8	-10.5	-21.1	-23.1	-23.4	-18.8	-10.5	-10.4	-14.2	-7.6	-14.1	11.4	
AEO 1993								-6.8	-5.9	-4.6	-7.3	-6.3	-3.4	-3.4	-13.8	-15.2	-15.4	-11.4	-2.9	-3.4	-5.3	3.4	-0.9	30.0	
AEO 1994									-8.6	-2.5	-1.0	-1.6	-1.0	-4.8	-15.5	-17.2	-18.1	-15.1	-8.1	-7.2	-8.4	1.1	-5.7	22.6	
AEO 1995										-0.1	-5.5	0.6	1.2	-4.1	-15.5	-18.0	-19.5	-16.6	-9.6	-12.8	-17.0	-12.5	-15.7	13.1	
AEO 1996											-4.7	-1.2	0.5	-3.8	-14.4	-15.8	-16.2	-12.6	-5.9	-9.2	-13.6	-8.4	-14.7	11.1	
AEO 1997												1.3	4.3	5.6	0.2	-2.2	-2.9	0.9	9.7	6.9	2.1	8.0	-0.1	29.3	
AEO 1998													4.0	6.6	3.2	8.6	7.4	11.3	20.6	16.8	11.3	17.3	8.5	40.6	
AEO 1999														-2.4	-7.5	-6.9	-5.3	-1.7	6.4	5.4	1.9	11.1	5.7	39.0	
AEO 2000															-0.1	3.0	6.7	14.4	25.5	21.6	16.0	22.5	14.0	48.0	
AEO 2001																-0.6	4.4	10.8	24.6	27.3	23.9	34.3	25.2	64.0	
AEO 2002																	2.2	7.0	23.7	26.7	24.6	32.3	23.6	59.3	
AEO 2003																			-9.3	1.6	7.9	6.8	15.1	10.3	48.9
AEO 2004																				7.5	5.8	7.1	23.5	17.0	61.4
AEO 2005																					-3.7	-6.7	5.2	-1.0	39.5
AEO 2006																						-6.0	5.3	5.6	38.1
AEO 2007																							-5.0	-9.4	30.8
AEO 2008																								0.5	29.9
AEO 2009																									2.3
Average Absolute Percent Difference (All AEOs)	17.4	49.2	20.8	15.5	10.8	13.9	14.8	16.3	17.4	15.1	19.7	11.0	9.2	9.9	15.2	17.2	12.2	11.6	12.1	12.0	11.9	13.3	10.6	33.0	

* 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 Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 6.1.

Table 12. Coal Prices to Electric Generating Plants, Projected vs. Actual

(nominal dollars per million Btu)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	2.03	2.17	2.33	2.52	2.73	2.99																		
AEO 1983	1.99	2.10	2.24	2.39	2.57	2.76					4.29													
AEO 1984	1.90	2.01	2.13	2.28	2.44	2.61					3.79													
AEO 1985	1.68	1.76	1.86	1.95	2.05	2.19	2.32	2.49	2.66	2.83	3.03													
AEO 1986		1.61	1.68	1.75	1.83	1.93	2.05	2.19	2.35	2.54	2.73	2.92	3.10	3.31	3.49	3.68								
AEO 1987			1.52	1.55	1.65	1.75	1.84	1.96	2.11	2.27	2.44													
AEO 1989*				1.50	1.51	1.68	1.77	1.88	2.00	2.13	2.26	2.40	2.55	2.70	2.86	3.00								
AEO 1990					1.46	1.53					2.07											3.70		
AEO 1991						1.51	1.58	1.66	1.77	1.88	1.96	2.06	2.16	2.28	2.41	2.57	2.70	2.85	3.04	3.26	3.46	3.65	3.87	4.08
AEO 1992							1.54	1.61	1.66	1.75	1.85	1.97	2.03	2.14	2.26	2.44	2.55	2.69	2.83	3.00	3.20	3.40	3.58	3.78
AEO 1993								1.92	1.54	1.61	1.70	1.77	1.87	1.96	2.07	2.22	2.35	2.46	2.60	2.74	2.89	3.09	3.26	3.46
AEO 1994									1.50	1.55	1.64	1.73	1.78	1.82	1.92	2.01	2.13	2.22	2.30	2.41	2.46	2.64	2.78	2.90
AEO 1995										1.42	1.46	1.49	1.55	1.59	1.62	1.67	1.76	1.80	1.89	1.97	2.05	2.13	2.21	2.28
AEO 1996											1.35	1.35	1.37	1.39	1.42	1.46	1.50	1.56	1.62	1.67	1.75	1.80	1.87	1.92
AEO 1997												1.36	1.38	1.40	1.44	1.46	1.51	1.54	1.55	1.58	1.62	1.70	1.74	1.77
AEO 1998													1.28	1.28	1.30	1.32	1.34	1.36	1.37	1.39	1.42	1.45	1.47	1.51
AEO 1999														1.24	1.25	1.25	1.27	1.29	1.31	1.32	1.33	1.35	1.36	1.37
AEO 2000															1.28	1.27	1.24	1.24	1.24	1.24	1.25	1.26	1.28	1.30
AEO 2001																1.22	1.24	1.25	1.26	1.28	1.29	1.30	1.30	1.30
AEO 2002																	1.22	1.21	1.23	1.27	1.27	1.28	1.29	1.31
AEO 2003																		1.23	1.27	1.30	1.34	1.35	1.36	1.37
AEO 2004																			1.26	1.27	1.29	1.31	1.34	1.37
AEO 2005																				1.31	1.34	1.37	1.38	1.41
AEO 2006																					1.53	1.60	1.61	1.63
AEO 2007																						1.72	1.78	1.83
AEO 2008																							1.78	1.85
AEO 2009																								1.97
Actual	1.65	1.58	1.51	1.47	1.45	1.46	1.45	1.41	1.39	1.36	1.32	1.29	1.27	1.25	1.22	1.20	1.23	1.25	1.28	1.36	1.54	1.69	1.77	2.07
Average Absolute Difference (All AEOs)	0.3	0.4	0.5	0.5	0.6	0.7	0.4	0.5	0.6	0.6	1.0	0.6	0.6	0.7	0.7	0.9	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7

Table 12. Coal Prices to Electric Generating Plants, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	22.9	37.4	54.4	72.0	88.7	105.7																		
AEO 1983	20.7	33.3	48.8	62.9	77.6	89.6					225.2													
AEO 1984	15.3	27.6	41.6	55.5	68.8	79.5					187.2													
AEO 1985	1.9	11.4	23.3	32.9	42.2	50.4	60.6	76.2	92.2	108.9	129.8													
AEO 1986		2.0	11.4	19.6	26.8	32.8	41.3	55.0	69.4	87.2	107.1	126.5	143.8	164.5	186.7	207.0								
AEO 1987			0.9	6.1	14.5	20.0	27.4	38.7	52.3	67.3	85.5													
AEO 1989*				2.3	4.8	15.3	22.6	33.1	44.6	57.5	71.5	85.9	100.4	115.3	135.0									
AEO 1990					1.0	5.2					57.2											140.0		
AEO 1991						3.8	9.1	17.8	28.1	38.7	48.8	59.9	69.9	81.8	98.1	114.1	118.8	127.8	137.5	139.5	124.4	115.8	118.5	97.2
AEO 1992							6.5	14.3	19.9	29.5	40.4	52.6	59.3	71.2	86.2	103.0	106.9	114.9	121.3	120.8	108.0	101.0	102.4	82.7
AEO 1993								35.9	11.3	18.8	29.3	37.6	47.2	56.2	70.2	85.1	90.4	97.0	103.0	101.6	87.8	82.7	84.1	67.1
AEO 1994									8.5	14.4	24.6	34.0	40.1	45.5	58.2	67.3	73.3	77.4	80.0	77.0	59.8	56.0	56.8	40.2
AEO 1995										4.9	11.0	15.5	21.4	26.7	33.2	39.1	42.7	44.3	47.7	44.8	33.0	26.3	24.6	10.2
AEO 1996											2.1	4.8	7.5	11.2	16.9	21.6	21.5	24.9	26.6	23.1	13.6	6.6	5.7	-7.0
AEO 1997												5.4	8.4	12.1	18.6	21.9	22.7	22.9	21.0	16.2	5.2	0.6	-1.8	-14.6
AEO 1998													0.2	2.6	7.2	9.6	8.5	8.5	7.4	2.6	-7.6	-14.5	-16.7	-27.3
AEO 1999														-0.7	2.6	4.6	3.4	3.2	2.1	-3.1	-13.3	-20.3	-22.9	-33.7
AEO 2000															5.0	6.2	0.7	-0.9	-3.5	-8.4	-18.2	-24.4	-26.6	-36.3
AEO 2001																2.0	0.4	0.4	-1.2	-6.2	-16.3	-23.3	-26.8	-37.3
AEO 2002																	-0.8	-3.5	-3.7	-6.9	-17.3	-24.4	-26.8	-36.7
AEO 2003																		-1.3	-0.6	-4.5	-13.2	-20.2	-23.1	-33.7
AEO 2004																			-1.7	-6.6	-16.0	-22.2	-24.5	-33.7
AEO 2005																				-3.6	-12.8	-19.0	-21.9	-32.1
AEO 2006																					-0.4	-5.4	-9.0	-21.4
AEO 2007																						1.9	0.7	-11.7
AEO 2008																							0.4	-10.8
AEO 2009																								-4.7
Average Absolute Percent Difference (All AEOs)	15.2	22.3	30.1	35.9	40.5	44.7	27.9	38.7	40.8	47.5	78.4	46.9	49.8	53.4	59.8	77.1	40.8	40.5	39.8	37.7	40.4	33.2	33.0	33.6

* 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 Editions.
 Historical Data: Energy Information Administration, June 23, 2008 Monthly Energy Review, DOE/EIA-0035(2008/06) (Washington, DC, June 2008), Table 9.10.

Table 13. Total Coal Consumption, Projected vs. Actual

(million short tons)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	805	825	843	868	896	936																			
AEO 1983	807	831	848	870	899	928					1061														
AEO 1984	843	848	866	889	919	958					1110														
AEO 1985	818	833	842	853	867	891	918	943	970	989	1008														
AEO 1986		813	831	860	870	888	919	945	972	995	1021	1038	1051	1069	1083	1105									
AEO 1987			837	837	854	879	896	912	932	954	975														
AEO 1989*				872	882	894	903	927	947	965	987	990	1006	1026	1045	1062									
AEO 1990					884	893					984											1207			
AEO 1991						893	902	918	932	943	948	962	973	984	991	1003	1003	1011	1030	1056	1078	1106	1136	1164	
AEO 1992							905	934	919	925	934	944	953	961	971	993	1003	1011	1020	1037	1055	1087	1116	1148	
AEO 1993								929	931	940	947	958	965	970	972	987	997	1004	1010	1018	1032	1056	1077	1099	
AEO 1994								920	928	933	938	943	948	953	958	962	967	978	990	987	992	1006	1035		
AEO 1995									935	940	941	947	948	951	954	958	963	971	984	992	996	1002	1013		
AEO 1996										937	942	954	962	983	990	1004	1017	1027	1033	1046	1067	1070	1071		
AEO 1997											948	970	987	1003	1017	1020	1025	1034	1041	1054	1075	1086	1092		
AEO 1998												1009	1051	1044	1058	1087	1084	1090	1097	1112	1130	1142	1148		
AEO 1999													1040	1075	1092	1109	1113	1118	1120	1120	1133	1139	1150		
AEO 2000															1053	1086	1103	1124	1142	1164	1175	1184	1189	1194	
AEO 2001																1078	1112	1135	1153	1165	1183	1191	1220	1228	
AEO 2002																	1088	1092	1126	1147	1176	1199	1227	1235	
AEO 2003																		1040	1059	1082	1106	1138	1172	1185	
AEO 2004																			1100	1098	1126	1156	1183	1193	
AEO 2005																				1102	1098	1126	1156	1183	1193
AEO 2006																					1102	1098	1126	1156	1183
AEO 2007																						1144	1150	1172	1196
AEO 2008																							1135	1147	1152
AEO 2009																								1127	1126
Actual	818	804	837	884	895	904	899	908	944	951	962	1006	1030	1037	1039	1084	1060	1066	1095	1107	1126	1112	1128	1122	
Average Absolute Difference (All AEOs)	12.3	25.8	9.5	21.0	18.4	21.9	9.0	22.1	17.9	20.4	41.9	51.0	56.7	50.9	46.1	55.5	56.0	54.6	57.1	53.9	55.5	50.5	51.2	55.7	

Table 13. Total Coal Consumption, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	-1.6	2.6	0.7	-1.8	0.1	3.5																			
AEO 1983	-1.4	3.3	1.3	-1.5	0.4	2.6					10.3														
AEO 1984	3.1	5.4	3.5	0.6	2.7	5.9					15.4														
AEO 1985	0.0	3.6	0.6	-3.5	-3.1	-1.5	2.1	3.9	2.7	4.0	4.8														
AEO 1986		1.1	-0.7	-2.7	-2.8	-1.8	2.2	4.1	3.0	4.6	6.1	3.1	2.1	3.1	4.3	1.9									
AEO 1987			0.0	-5.3	-4.6	-2.8	-0.4	0.5	-1.3	0.3	1.3														-2.3
AEO 1989*				-1.3	-1.5	-1.2	0.4	2.1	0.3	1.4	2.6	-1.6	-2.3	-1.1	0.6	-2.0									
AEO 1990					-1.2	-1.3					2.3										7.2				
AEO 1991						-1.3	0.3	1.1	-1.3	-0.9	-1.5	-4.4	-5.5	-5.1	-4.6	-7.5	-5.4	-5.2	-5.9	-4.6	-4.3	-0.6	0.7	3.8	
AEO 1992							0.6	2.9	-2.7	-2.8	-2.9	-6.2	-7.4	-7.3	-6.5	-8.4	-5.4	-5.2	-6.8	-6.3	-6.3	-2.3	-1.1	2.3	
AEO 1993								2.4	-1.4	-1.2	-1.6	-4.8	-6.3	-6.5	-6.4	-9.0	-6.0	-5.8	-7.8	-8.1	-8.3	-5.1	-4.5	-2.0	
AEO 1994									-2.6	-2.4	-3.0	-6.8	-8.4	-8.6	-8.2	-11.6	-9.3	-9.3	-10.7	-10.6	-12.3	-10.8	-10.8	-7.7	
AEO 1995										-1.7	-2.3	-6.5	-8.0	-8.6	-8.4	-12.0	-9.6	-9.7	-11.3	-11.1	-11.9	-10.5	-11.2	-9.7	
AEO 1996											-2.6	-6.4	-7.3	-7.2	-5.4	-8.7	-5.3	-4.6	-6.2	-6.7	-7.1	-4.1	-5.1	-4.5	
AEO 1997												-5.8	-5.8	-4.8	-3.4	-6.2	-3.8	-3.9	-5.6	-6.0	-6.4	-3.4	-3.7	-2.6	
AEO 1998													-2.0	1.3	0.5	-2.4	2.5	1.7	-0.5	-0.9	-1.3	1.6	1.3	2.3	
AEO 1999														0.3	3.5	0.8	4.6	4.4	2.2	1.1	-0.5	1.9	1.0	2.5	
AEO 2000															1.4	0.2	4.1	5.4	4.3	5.2	4.4	6.5	5.4	6.4	
AEO 2001																-0.6	4.9	6.4	5.3	5.2	5.0	7.1	8.2	9.5	
AEO 2002																	2.6	2.4	2.8	3.6	4.4	7.8	8.7	10.1	
AEO 2003																		-2.5	-3.2	-2.2	-1.8	2.3	3.9	5.7	
AEO 2004																			0.4	-0.9	0.0	3.9	4.9	6.4	
AEO 2005																				-0.5	0.9	4.2	5.4	7.9	
AEO 2006																					1.6	3.4	3.9	6.6	
AEO 2007																						2.0	1.7	2.7	
AEO 2008																								-0.1	0.4
AEO 2009																									-1.1
Average Absolute Percent Difference (All AEOs)	1.5	3.2	1.1	2.4	2.1	2.4	1.0	2.4	1.9	2.1	4.4	5.1	5.5	4.9	4.4	5.1	5.3	5.1	5.2	4.9	4.9	4.5	4.5	5.0	

* 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 Editions.

Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 7.1.

Table 14. Coal Production, Projected vs. Actual

(million short tons)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	914	939	963	995	1031	1080																			
AEO 1983	900	926	947	974	1010	1045					1191														
AEO 1984	899	921	948	974	1010	1057					1221														
AEO 1985	886	909	930	940	958	985	1015	1041	1072	1094	1116														
AEO 1986		890	920	954	962	983	1017	1044	1073	1097	1126	1142	1156	1176	1191	1217									
AEO 1987			917	914	932	962	978	996	1020	1043	1068														
AEO 1989*				941	946	977	990	1018	1039	1058	1082	1084	1107	1130	1152	1171									
AEO 1990					973	987					1085											1379			
AEO 1991						1035	1002	1016	1031	1043	1054	1065	1079	1096	1111	1133	1142	1160	1193	1234	1272	1309	1349	1386	
AEO 1992							1004	1040	1019	1034	1052	1064	1074	1087	1102	1133	1144	1156	1173	1201	1229	1272	1312	1355	
AEO 1993								1039	1043	1054	1065	1076	1086	1094	1102	1125	1136	1148	1161	1178	1204	1237	1269	1302	
AEO 1994								999	1021	1041	1051	1056	1066	1073	1081	1087	1098	1107	1122	1121	1128	1143	1173		
AEO 1995									1006	1010	1011	1016	1017	1021	1027	1033	1040	1051	1066	1076	1083	1090	1108		
AEO 1996										1037	1044	1041	1045	1061	1070	1086	1100	1112	1121	1135	1156	1161	1167		
AEO 1997												1028	1052	1072	1088	1105	1110	1115	1123	1133	1146	1171	1182	1190	
AEO 1998														1088	1122	1128	1145	1176	1176	1183	1191	1207	1229	1249	
AEO 1999															1125	1154	1168	1187	1193	1198	1199	1200	1213	1232	
AEO 2000																1120	1136	1153	1174	1190	1212	1221	1231	1236	
AEO 2001																	1111	1136	1181	1198	1209	1226	1234	1262	
AEO 2002																		1168	1141	1162	1183	1211	1234	1262	
AEO 2003																			1085	1099	1102	1124	1156	1188	
AEO 2004																				1100	1121	1141	1168	1192	
AEO 2005																					1125	1179	1179	1225	
AEO 2006																						1145	1166	1204	
AEO 2007																							1149	1143	
AEO 2008																								1155	
AEO 2009																								1159	
Actual	884	890	919	950	982	1032	1000	1004	954	1042	1042	1073	1098	1126	1109	1083	1138	1103	1082	1123	1145	1177	1161	1185	
Average Absolute Difference (All AEOs)	16.1	26.8	19.3	21.7	30.5	39.5	11.7	26.1	83.4	22.5	52.4	28.5	35.9	42.3	34.0	56.6	31.8	46.5	69.1	47.8	59.3	46.2	63.5	60.1	

Table 14. Coal Production, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	3.4	5.5	4.8	4.7	5.0	4.6																			
AEO 1983	1.9	4.0	3.1	2.5	2.8	1.2					14.4														
AEO 1984	1.7	3.4	3.2	2.5	2.8	2.4					17.2														
AEO 1985	0.3	2.1	1.2	-1.1	-2.5	-4.6	1.5	3.7	12.4	5.0	7.1														
AEO 1986		0.0	0.1	0.4	-2.1	-4.8	1.7	4.0	12.5	5.3	8.1	6.5	5.3	4.4	7.4	12.4									
AEO 1987			-0.2	-3.8	-5.1	-6.8	-2.2	-0.8	7.0	0.1	2.5														
AEO 1989*				-1.0	-3.7	-5.4	-1.0	1.4	9.0	1.6	3.9	1.1	0.8	0.3	3.9	8.2									
AEO 1990					-0.9	-4.4					4.2											20.5			
AEO 1991						0.3	0.2	1.2	8.1	0.1	1.2	-0.7	-1.7	-2.7	0.2	4.6	0.4	5.1	10.3	9.8	11.1	11.2	16.2	16.9	
AEO 1992							0.4	3.6	6.9	-0.7	1.0	-0.8	-2.2	-3.5	-0.6	4.6	0.5	4.8	8.4	6.9	7.4	8.1	13.0	14.3	
AEO 1993								3.5	9.4	1.2	2.3	0.3	-1.1	-2.9	-0.6	3.9	-0.2	4.0	7.3	4.9	5.2	5.1	9.3	9.9	
AEO 1994									4.8	-2.0	-0.1	-2.0	-3.8	-5.3	-3.3	-0.2	-4.5	-0.5	2.3	-0.1	-2.1	-4.2	-1.5	-1.0	
AEO 1995										-3.4	-3.0	-5.7	-7.5	-9.7	-7.9	-5.1	-9.2	-5.7	-2.8	-5.1	-6.0	-8.0	-6.1	-6.5	
AEO 1996											-0.4	-2.7	-5.2	-7.2	-4.3	-1.2	-4.6	-0.3	2.8	-0.2	-0.9	-1.8	0.0	-1.5	
AEO 1997												-4.2	-4.2	-4.8	-1.9	-2.4	1.1	3.8	0.9	0.1	-0.5	1.8	0.4		
AEO 1998													-0.9	-0.4	1.7	5.7	3.3	6.6	9.3	6.0	5.4	4.4	6.7	5.3	
AEO 1999														-0.1	4.0	7.9	4.3	8.1	10.8	6.7	4.8	3.1	5.1	3.9	
AEO 2000															1.0	5.0	1.4	6.4	10.0	7.9	6.7	4.5	6.5	4.8	
AEO 2001																2.6	-0.2	7.0	10.8	7.6	7.1	4.8	8.7	7.1	
AEO 2002																	2.6	3.4	7.4	5.3	5.8	4.9	8.7	7.2	
AEO 2003																		-1.7	1.6	-1.9	-1.8	-1.8	2.3	1.3	
AEO 2004																			1.7	-0.2	-0.3	-0.8	2.7	1.2	
AEO 2005																				0.2	2.9	0.1	4.0	3.4	
AEO 2006																					0.0	-1.0	3.7	3.2	
AEO 2007																						-2.4	-1.5	-3.4	
AEO 2008																							-0.5	-2.8	
AEO 2009																								-2.2	
Average Absolute Percent Difference (All AEOs)	1.8	3.0	2.1	2.3	3.1	3.8	1.2	2.6	8.8	2.2	5.0	2.7	3.3	3.8	3.1	5.2	2.8	4.2	6.4	4.3	5.2	3.9	5.5	5.1	

* 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 Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 7.1.

Table 15. Average Electricity Prices, Projected vs. Actual

(nominal cents per kilowatt-hour)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	6.38	6.96	7.63	8.23	8.83	9.49																		
AEO 1983	6.85	7.28	7.74	8.22	8.68	9.18					13.12													
AEO 1984	6.67	7.05	7.48	7.89	8.25	8.65					11.53													
AEO 1985	6.62	6.94	7.32	7.63	7.89	8.15	8.46	8.85	9.20	9.61	10.04													
AEO 1986		6.67	6.88	7.05	7.18	7.35	7.52	7.65	7.87	8.31	8.83	9.41	10.01	10.61	11.33	12.02								
AEO 1987			6.63	6.65	6.92	7.12	7.38	7.62	7.94	8.36	8.86													
AEO 1989*				6.50	6.75	7.14	7.48	7.82	8.11	8.50	8.91	9.39	9.91	10.49	11.05	11.61								
AEO 1990					6.49	6.72					8.40										14.47			
AEO 1991						6.94	7.31	7.59	7.82	8.18	8.38	8.54	8.73	8.99	9.38	9.83	10.29	10.83	11.36	11.94	12.58	13.21	13.88	14.58
AEO 1992							6.97	7.16	7.32	7.56	7.78	8.04	8.29	8.57	8.93	9.38	9.82	10.26	10.73	11.25	11.83	12.37	12.96	13.58
AEO 1993								7.18	7.36	7.54	7.77	7.99	8.27	8.54	8.89	9.33	9.72	10.14	10.61	11.11	11.55	12.05	12.56	13.13
AEO 1994									6.95	7.12	7.41	7.59	7.79	8.01	8.36	8.62	9.02	9.32	9.76	10.08	10.42	10.94	11.32	11.87
AEO 1995										6.95	7.16	7.23	7.40	7.59	7.81	8.04	8.42	8.70	9.12	9.43	9.75	10.24	10.57	11.10
AEO 1996											7.23	7.30	7.42	7.60	7.84	8.07	8.33	8.60	8.90	9.19	9.54	9.84	10.18	10.52
AEO 1997												7.11	7.22	7.41	7.61	7.76	7.95	8.11	8.30	8.46	8.65	8.92	9.16	9.40
AEO 1998													6.94	6.89	7.03	7.08	7.16	7.27	7.42	7.53	7.66	7.79	7.97	8.16
AEO 1999														6.77	6.87	6.91	6.97	7.02	7.21	7.36	7.46	7.59	7.70	7.83
AEO 2000															6.68	6.76	6.75	6.73	6.79	6.87	6.91	7.06	7.19	7.30
AEO 2001																6.95	7.05	6.94	7.00	7.09	7.03	7.09	7.07	7.11
AEO 2002																	7.21	6.99	6.99	7.15	7.26	7.36	7.52	7.71
AEO 2003																		6.99	6.90	7.01	7.10	7.10	7.18	7.30
AEO 2004																			7.24	7.16	7.18	7.21	7.25	7.42
AEO 2005																				7.57	7.70	7.54	7.35	7.32
AEO 2006																					8.55	8.59	8.32	8.21
AEO 2007																						8.57	8.74	8.89
AEO 2008																							9.13	9.46
AEO 2009																								9.69
Actual	6.44	6.44	6.37	6.35	6.45	6.57	6.75	6.82	6.93	6.91	6.89	6.86	6.85	6.74	6.64	6.81	7.29	7.20	7.44	7.61	8.14	8.90	9.13	9.82
Average Absolute Difference (All AEOs)	0.2	0.5	0.9	1.1	1.2	1.3	0.8	0.9	0.9	1.1	2.0	1.2	1.3	1.6	1.8	2.2	1.2	1.3	1.4	1.4	1.8	1.7	1.8	2.0

Table 15. Average Electricity Prices, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	-0.9	8.0	19.7	29.6	37.0	44.4																		
AEO 1983	6.4	13.0	21.5	29.4	34.6	39.7					90.4													
AEO 1984	3.5	9.5	17.4	24.3	27.8	31.6					67.4													
AEO 1985	2.8	7.7	14.8	20.1	22.3	24.1	25.3	29.7	32.8	39.0	45.8													
AEO 1986		3.5	8.0	11.1	11.3	11.9	11.4	12.2	13.6	20.2	28.2	37.2	46.2	57.5	70.6	76.5								
AEO 1987			4.1	4.8	7.3	8.4	9.3	11.7	14.5	21.0	28.6													
AEO 1989*				2.3	4.6	8.7	10.9	14.7	17.0	23.0	29.3	36.9	44.7	55.6	66.5	70.5								
AEO 1990					0.6	2.2					22.0													
AEO 1991						5.6	8.2	11.3	12.9	18.4	21.6	24.5	27.4	33.3	41.2	44.4	41.1	50.4	52.7	56.9	54.5	48.4	52.0	48.5
AEO 1992							3.3	4.9	5.7	9.4	13.0	17.2	21.0	27.2	34.5	37.7	34.6	42.5	44.2	47.9	45.4	39.0	42.0	38.3
AEO 1993								5.3	6.2	9.2	12.8	16.5	20.7	26.7	33.9	37.1	33.3	40.9	42.6	46.0	41.9	35.4	37.6	33.8
AEO 1994									0.3	3.1	7.5	10.7	13.7	18.8	25.9	26.6	23.8	29.4	31.1	32.4	28.1	22.9	24.0	20.8
AEO 1995										0.6	3.9	5.4	8.0	12.6	17.6	18.1	15.5	20.8	22.6	24.0	19.8	15.0	15.8	13.0
AEO 1996											5.0	6.4	8.4	12.8	18.1	18.4	14.2	19.5	19.6	20.8	17.2	10.6	11.5	7.2
AEO 1997												3.6	5.4	9.9	14.7	13.9	9.1	12.6	11.5	11.2	6.3	0.2	0.3	-4.3
AEO 1998													1.3	2.3	5.9	4.0	-1.8	0.9	-0.2	-1.1	-5.9	-12.5	-12.7	-16.9
AEO 1999														0.5	3.4	1.4	-4.4	-2.6	-3.2	-3.2	-8.4	-14.7	-15.6	-20.3
AEO 2000															0.7	-0.8	-7.3	-6.5	-8.7	-9.7	-15.2	-20.7	-21.3	-25.7
AEO 2001																2.1	-3.3	-3.5	-5.9	-6.8	-13.6	-20.3	-22.6	-27.6
AEO 2002																	-1.0	-2.9	-6.1	-6.0	-10.9	-17.3	-17.6	-21.5
AEO 2003																		-2.9	-7.2	-7.9	-12.8	-20.3	-21.3	-25.7
AEO 2004																			-2.7	-5.9	-11.8	-19.0	-20.6	-24.5
AEO 2005																				-0.5	-5.5	-15.3	-19.5	-25.4
AEO 2006																					5.1	-3.5	-8.9	-16.4
AEO 2007																						-3.7	-4.3	-9.4
AEO 2008																							0.0	-3.6
AEO 2009																								-1.3
Average Absolute Percent Difference (All AEOs)	3.4	8.4	14.3	17.4	18.2	19.6	11.4	12.8	12.9	16.0	28.9	17.6	19.7	23.4	27.7	32.6	15.8	18.1	18.5	18.7	22.3	18.7	19.3	20.2

* 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 Editions.

Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 8.6.

Table 16. Total Electricity Sales, Projected vs. Actual

(billion kilowatt-hours)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	2364	2454	2534	2626	2708	2811																		
AEO 1983	2318	2395	2476	2565	2650	2739					3153													
AEO 1984	2321	2376	2461	2551	2637	2738					3182													
AEO 1985	2317	2360	2427	2491	2570	2651	2730	2808	2879	2949	3026													
AEO 1986		2363	2416	2479	2533	2608	2706	2798	2883	2966	3048	3116	3185	3255	3324	3397								
AEO 1987			2460	2494	2555	2622	2683	2748	2823	2902	2977													
AEO 1988*				2556	2619	2689	2760	2835	2917	2994	3072	3156	3236	3313	3394	3473								
AEO 1990					2612	2689	2760	2835	2917	2994	3072	3156	3236	3313	3394	3473					3870			
AEO 1991						2700	2762	2806	2855	2904	2959	3022	3088	3151	3214	3282	3355	3427	3496	3563	3632	3704	3776	3846
AEO 1992							2746	2845	2858	2913	2975	3030	3087	3146	3209	3276	3345	3415	3483	3552	3625	3699	3774	3847
AEO 1993								2803	2893	2946	2998	3052	3104	3157	3214	3271	3327	3383	3438	3491	3542	3592	3639	3699
AEO 1994									2843	2891	2928	2962	3004	3039	3071	3112	3148	3185	3228	3263	3298	3332	3371	3406
AEO 1995										2951	2967	2983	3026	3058	3085	3108	3134	3166	3204	3248	3285	3321	3357	3396
AEO 1996											2973	2998	3039	3074	3106	3137	3173	3215	3262	3317	3363	3409	3454	3505
AEO 1997												3075	3115	3168	3229	3290	3328	3379	3437	3497	3545	3596	3649	3697
AEO 1998													3106	3204	3255	3318	3388	3438	3488	3546	3601	3658	3716	3775
AEO 1999														3205	3262	3333	3402	3454	3492	3534	3585	3639	3691	3745
AEO 2000															3288	3360	3402	3461	3523	3585	3647	3699	3753	3812
AEO 2001																3364	3440	3530	3608	3681	3761	3838	3918	3998
AEO 2002																	3443	3502	3619	3711	3793	3869	3948	4022
AEO 2003																		3414	3527	3617	3684	3762	3848	3940
AEO 2004																			3495	3582	3669	3750	3830	3909
AEO 2005																				3495	3582	3669	3750	3830
AEO 2006																					3675	3700	3767	3847
AEO 2007																						3694	3757	3836
AEO 2008																							3744	3773
AEO 2009																								3725
Actual	2324	2369	2457	2578	2647	2713	2762	2763	2861	2935	3013	3101	3146	3264	3312	3421	3394	3465	3494	3547	3661	3670	3765	3722
Average Absolute Difference (All AEOs)	14.0	26.6	28.9	54.3	52.4	51.9	30.8	47.2	22.9	32.4	65.6	78.8	77.8	117.0	111.6	136.1	93.6	103.0	91.4	96.6	119.7	113.5	117.7	150.0

Table 16. Total Electricity Sales, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	1.7	3.6	3.1	1.9	2.3	3.6																		
AEO 1983	-0.3	1.1	0.8	-0.5	0.1	1.0					4.6													
AEO 1984	-0.1	0.3	0.2	-1.0	-0.4	0.9					5.6													
AEO 1985	-0.3	-0.4	-1.2	-3.4	-2.9	-2.3	-1.2	1.6	0.6	0.5	0.4													
AEO 1986		-0.2	-1.7	-3.8	-4.3	-3.9	-2.0	1.3	0.8	1.1	1.2	0.5	1.3	-0.3	0.4	-0.7								
AEO 1987			0.1	-3.3	-3.5	-3.3	-2.9	-0.6	-1.3	-1.1	-1.2													
AEO 1988*				-0.9	-1.1	-0.9	-0.1	2.6	1.9	2.0	1.9	1.8	2.9	1.5	2.5	1.5								
AEO 1990					-1.3	-0.9					2.3										5.7			
AEO 1991						-0.5	0.0	1.5	-0.2	-1.0	-1.8	-2.6	-1.8	-3.5	-3.0	-4.1	-1.2	-1.1	0.1	0.4	-0.8	0.9	0.3	3.3
AEO 1992							-0.6	3.0	-0.1	-0.7	-1.3	-2.3	-1.9	-3.6	-3.1	-4.3	-1.5	-1.5	-0.3	0.1	-1.0	0.8	0.3	3.4
AEO 1993								1.4	-0.8	-1.4	-2.2	-3.3	-3.0	-4.9	-4.7	-6.1	-3.6	-4.0	-3.2	-3.1	-4.6	-3.5	-4.6	-2.2
AEO 1994									-0.6	-1.5	-2.8	-4.5	-4.5	-6.9	-7.3	-9.0	-7.3	-8.1	-7.6	-8.0	-9.9	-9.2	-10.5	-8.5
AEO 1995										0.6	-1.5	-3.8	-3.8	-6.3	-6.9	-9.2	-7.7	-8.6	-8.3	-8.4	-10.3	-9.5	-10.8	-8.7
AEO 1996											-1.3	-3.3	-3.4	-5.8	-6.2	-8.3	-6.5	-7.2	-6.6	-6.5	-8.1	-7.1	-8.2	-5.8
AEO 1997												-0.8	-1.0	-2.9	-2.5	-3.8	-2.0	-2.5	-1.6	-1.4	-3.2	-2.0	-3.1	-0.7
AEO 1998													-1.3	-1.8	-1.7	-3.0	-0.2	-0.8	-0.2	0.0	-1.6	-0.3	-1.3	1.4
AEO 1999														-1.8	-1.5	-2.6	0.2	-0.3	-0.1	-0.4	-2.1	-0.8	-2.0	0.6
AEO 2000															-1.8	0.2	-0.1	0.8	1.1	-0.4	0.8	-0.3	2.4	
AEO 2001																-1.7	1.3	1.9	3.3	3.8	2.7	4.6	4.1	7.4
AEO 2002																	1.4	1.1	3.6	4.6	3.6	5.4	4.9	8.1
AEO 2003																		-1.5	1.0	2.0	0.6	2.5	2.2	5.9
AEO 2004																			0.0	1.0	0.2	2.2	1.7	5.0
AEO 2005																				0.0	-0.3	1.4	1.3	5.1
AEO 2006																					0.4	0.8	0.1	3.4
AEO 2007																						0.6	-0.2	3.1
AEO 2008																							-0.6	1.4
AEO 2009																								0.1
Average Absolute Percent Difference (All AEOs)	0.6	1.1	1.2	2.1	2.0	1.9	1.1	1.7	0.8	1.1	2.2	2.5	2.5	3.6	3.4	4.0	2.8	3.0	2.6	2.7	3.3	3.1	3.1	4.0

* 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 Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 8.1, Retail Sales.

Table 17. Total Energy Consumption, Projected vs. Actual

(quadrillion Btu)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	79.1	79.6	79.9	80.8	82.1	83.3																		
AEO 1983	78.0	79.5	81.0	82.4	83.9	84.6					89.0													
AEO 1984	78.5	79.4	81.2	83.1	85.1	86.4					93.0													
AEO 1985	77.6	78.5	79.8	81.2	82.7	83.3	84.2	85.0	85.7	86.3	87.2													
AEO 1986		77.0	78.8	79.8	80.7	81.5	82.9	83.8	84.6	85.3	86.0	86.6	87.4	88.3	89.4	90.2								
AEO 1987			78.9	80.0	82.0	82.8	83.9	85.1	86.2	87.1	87.9													
AEO 1989*				82.2	83.8	84.5	85.4	86.2	87.1	87.8	88.7	89.5	90.4	91.4	92.4	93.5								
AEO 1990					84.2	85.4	85.4				91.9											102.8		
AEO 1991						84.4	85.0	86.0	87.0	87.9	89.1	90.4	91.8	93.1	94.3	95.6	97.1	98.4	99.4	100.3	101.4	102.5	103.6	104.7
AEO 1992							84.7	87.0	88.0	89.2	90.5	91.4	92.4	93.4	94.5	95.6	96.9	98.0	99.0	100.0	101.2	102.2	103.2	104.3
AEO 1993								87.0	88.3	89.8	91.4	92.7	94.0	95.3	96.3	97.5	98.6	99.7	100.7	101.7	102.6	103.5	104.3	105.2
AEO 1994									88.0	89.5	90.7	91.7	92.7	93.6	94.6	95.7	96.7	97.7	98.9	100.0	100.8	101.7	102.7	103.6
AEO 1995										89.2	90.0	90.6	91.9	93.0	93.8	94.6	95.3	96.2	97.2	98.4	99.4	100.3	101.2	102.1
AEO 1996											90.6	91.3	92.5	93.5	94.3	95.1	95.9	96.9	98.0	99.2	100.4	101.4	102.1	103.1
AEO 1997												92.6	93.6	95.1	96.6	97.9	98.8	99.9	101.2	102.4	103.4	104.7	105.8	106.6
AEO 1998													94.7	96.7	98.6	99.8	101.3	102.4	103.4	104.5	105.8	107.3	108.6	109.9
AEO 1999														94.6	97.0	99.2	100.9	102.0	102.8	103.6	104.7	106.0	107.2	108.5
AEO 2000															96.4	98.1	99.4	100.9	102.4	103.8	105.3	106.6	107.9	109.2
AEO 2001																97.6	99.9	102.2	104.1	105.6	107.0	108.5	110.0	111.4
AEO 2002																	98.3	101.0	104.1	105.8	107.6	109.3	110.8	112.2
AEO 2003																		97.5	99.9	101.7	103.2	105.1	107.2	109.3
AEO 2004																			98.1	100.2	102.8	104.9	106.8	108.6
AEO 2005																				99.8	101.8	103.6	105.6	107.8
AEO 2006																					100.5	101.3	103.3	104.9
AEO 2007																						100.7	102.4	103.7
AEO 2008																							101.4	102.3
AEO 2009																								100.5
Actual	76.5	76.8	79.2	82.8	84.9	84.7	84.6	86.0	87.6	89.3	91.2	94.2	94.8	95.2	96.8	99.0	96.3	97.9	98.2	100.4	100.5	99.9	101.6	99.3
Average Absolute Difference (All AEOs)	1.8	2.1	1.0	1.5	1.9	1.2	0.7	0.9	1.1	1.4	1.9	3.4	2.6	2.0	2.3	3.1	2.2	2.1	2.6	2.1	2.6	4.2	3.7	6.9

Table 17. Total Energy Consumption, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	3.4	3.8	0.9	-2.4	-3.4	-1.6																		
AEO 1983	1.9	3.6	2.3	-0.5	-1.3	-0.1					-2.4													
AEO 1984	2.6	3.5	2.6	0.4	0.2	2.1					2.0													
AEO 1985	1.4	2.3	0.8	-1.9	-2.7	-1.6	-0.5	-1.1	-2.2	-3.3	-4.4													
AEO 1986		0.4	-0.5	-3.6	-5.0	-3.7	-2.0	-2.5	-3.4	-4.4	-5.7	-8.0	-7.8	-7.2	-7.7	-8.9								
AEO 1987			-0.3	-3.4	-3.5	-2.2	-0.8	-1.0	-1.6	-2.4	-3.6													
AEO 1989*				-0.7	-1.4	-0.2	0.9	0.3	-0.6	-1.6	-2.7	-5.0	-4.6	-4.0	-4.6	-5.5								
AEO 1990					-0.9	0.9					0.8										2.3			
AEO 1991						-0.3	0.4	0.1	-0.7	-1.5	-2.3	-4.0	-3.1	-2.2	-2.6	-3.4	0.8	0.5	1.2	-0.1	0.9	2.6	2.0	5.4
AEO 1992							0.1	1.2	0.4	-0.1	-0.8	-2.9	-2.5	-1.8	-2.4	-3.4	0.6	0.2	0.8	-0.3	0.7	2.3	1.6	5.0
AEO 1993								1.3	0.8	0.6	0.2	-1.6	-0.8	0.1	-0.5	-1.5	2.4	1.9	2.5	1.3	2.1	3.6	2.7	5.9
AEO 1994									0.5	0.3	-0.5	-2.6	-2.2	-1.7	-2.3	-3.3	0.4	-0.2	0.7	-0.3	0.3	1.8	1.1	4.3
AEO 1995										-0.1	-1.3	-3.8	-3.0	-2.3	-3.1	-4.4	-1.1	-1.7	-1.0	-2.0	-1.1	0.4	-0.3	2.8
AEO 1996											-0.6	-3.1	-2.3	-1.8	-2.6	-3.9	-0.4	-1.0	-0.2	-1.1	-0.1	1.5	0.5	3.8
AEO 1997												-1.6	-1.3	-0.1	-0.2	-1.1	2.6	2.1	3.0	2.0	2.9	4.8	4.2	7.3
AEO 1998													-0.1	1.6	1.9	0.9	5.1	4.6	5.3	4.1	5.3	7.4	6.9	10.7
AEO 1999														-0.6	0.2	0.2	4.7	4.2	4.7	3.2	4.2	6.1	5.5	9.3
AEO 2000															-0.4	-0.8	3.2	3.1	4.3	3.4	4.8	6.8	6.3	9.9
AEO 2001																-1.4	3.7	4.4	6.0	5.2	6.5	8.6	8.3	12.2
AEO 2002																	2.0	3.2	6.0	5.4	7.1	9.4	9.1	13.0
AEO 2003																		-0.4	1.7	1.3	2.7	5.2	5.6	10.0
AEO 2004																			-0.1	-0.1	2.3	5.0	5.1	9.3
AEO 2005																				-0.5	1.4	3.7	4.0	8.6
AEO 2006																					0.0	1.4	1.8	5.7
AEO 2007																						0.9	0.8	4.5
AEO 2008																							-0.2	3.1
AEO 2009																								1.2
Average Absolute Percent Difference (All AEOs)	2.3	2.7	1.2	1.8	2.3	1.4	0.8	1.1	1.3	1.6	2.1	3.6	2.8	2.1	2.4	3.1	2.2	2.1	2.7	2.0	2.6	4.2	3.7	7.0

* 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 Editions. Data for AEOs 1982 through 1989 adjusted for enhanced coverage of renewables in AER 1998. Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 1.3.

Table 18. Total Residential Energy Consumption, Projected vs. Actual

(quadrillion Btu)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	10.1	10.1	10.1	10.1	10.2	10.2																			
AEO 1983	9.8	9.9	10.0	10.1	10.2	10.1					10.0														
AEO 1984	9.9	9.9	10.0	10.2	10.3	10.3					10.5														
AEO 1985	9.8	10.0	10.1	10.3	10.6	10.6					10.9														
AEO 1986		9.6	9.8	10.0	10.3	10.4					10.8					10.9									
AEO 1987			9.9	10.2	10.3	10.3	10.4	10.5	10.5	10.5	10.5					10.6									
AEO 1989*				10.3	10.5	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5									
AEO 1990					10.4	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8					11.0			
AEO 1991						10.2	10.7	10.7	10.8	10.8	10.8	10.9	10.9	10.9	11.0	11.0	11.0	11.1	11.2	11.2	11.3	11.4	11.4	11.4	11.5
AEO 1992							10.6	11.1	11.1	11.1	11.1	11.1	11.2	11.2	11.3	11.3	11.4	11.5	11.5	11.6	11.7	11.8	11.8	11.8	11.9
AEO 1993								10.7	10.9	11.0	11.0	11.0	11.1	11.1	11.1	11.1	11.2	11.2	11.2	11.2	11.3	11.3	11.4	11.4	11.4
AEO 1994									10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5
AEO 1995										11.0	10.8	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.8
AEO 1996											10.4	10.7	10.7	10.7	10.8	10.8	10.9	10.9	11.0	11.2	11.2	11.3	11.4	11.5	11.5
AEO 1997												11.1	10.9	11.1	11.1	11.2	11.2	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.7
AEO 1998													10.7	11.1	11.2	11.4	11.5	11.5	11.6	11.7	11.8	11.9	11.9	12.1	12.1
AEO 1999														10.5	11.1	11.3	11.3	11.4	11.5	11.5	11.6	11.6	11.7	11.8	11.8
AEO 2000															10.7	10.9	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.7
AEO 2001																10.8	11.2	11.4	11.6	11.8	11.9	12.0	12.1	12.1	12.2
AEO 2002																	11.3	11.5	11.8	12.0	12.1	12.1	12.1	12.1	12.3
AEO 2003																		11.1	11.6	11.8	11.9	12.0	12.2	12.2	12.3
AEO 2004																			11.5	11.8	11.9	12.0	12.2	12.2	12.3
AEO 2005																				11.5	11.7	11.8	12.0	12.3	12.3
AEO 2006																					11.7	11.7	11.8	12.0	12.0
AEO 2007																						11.3	11.8	12.0	12.0
AEO 2008																							11.5	11.7	11.8
AEO 2009																								11.5	11.6
Actual	9.9	9.7	9.8	10.4	10.7	9.7	10.0	10.2	10.5	10.4	10.5	11.2	10.7	10.3	10.7	11.2	11.0	11.3	11.6	11.4	11.6	10.8	11.4	11.5	
Average Absolute Difference (All AEOs)	0.1	0.2	0.2	0.3	0.3	0.6	0.5	0.5	0.2	0.3	0.3	0.4	0.2	0.5	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.8	0.4	0.5	

Table 18. Total Residential Energy Consumption, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	2.4	4.1	2.5	-2.8	-4.2	4.6																			
AEO 1983	-0.4	1.9	1.1	-3.5	-4.6	4.1					-5.0														
AEO 1984	0.0	2.2	1.7	-2.6	-3.3	6.1					-0.5														
AEO 1985	-1.1	2.9	2.9	-0.8	-1.1	9.0					4.1														
AEO 1986		-1.1	-0.5	-3.6	-3.4	6.8					2.5					-3.4									
AEO 1987			1.0	-2.4	-3.3	6.1	3.7	2.9	-0.5	0.9	0.3					-5.9									
AEO 1989*				-1.1	-1.6	7.2	4.4	3.0	-0.7	0.5	0.0	-6.3	-2.2	1.9	-2.1	-6.7									
AEO 1990					-2.9	9.7					2.3					-2.0					-2.3				
AEO 1991						5.3	6.6	5.5	1.9	3.3	2.9	-2.8	1.6	6.2	2.4	-2.2	0.6	-1.5	-3.8	-1.8	-2.2	5.2	0.5	0.1	
AEO 1992							5.6	9.3	4.9	6.2	5.7	-0.3	4.3	9.1	5.4	0.8	3.7	1.9	-0.6	1.6	1.1	8.8	3.9	3.6	
AEO 1993								5.2	3.3	5.0	4.5	-1.3	3.2	7.7	3.9	-0.9	1.7	-0.7	-3.4	-1.7	-2.4	4.8	-0.1	-0.6	
AEO 1994									-2.3	-0.7	-1.4	-7.1	-3.1	1.2	-2.7	-7.4	-5.0	-7.3	-10.0	-8.6	-9.5	-2.9	-7.6	-8.3	
AEO 1995										5.1	2.8	-3.2	0.9	5.0	0.7	-4.3	-2.3	-4.8	-7.8	-6.4	-7.5	-0.9	-5.8	-6.4	
AEO 1996											-1.0	-4.5	-0.2	4.2	0.7	-3.5	-1.0	-2.8	-5.0	-2.4	-3.1	4.6	0.1	0.4	
AEO 1997												-0.9	-0.2	4.2	0.7	-3.5	-1.0	-2.8	-5.0	-2.4	-3.1	4.6	0.1	0.4	
AEO 1998													0.0	8.0	4.7	1.1	4.4	2.5	0.1	2.5	1.8	9.8	5.0	5.2	
AEO 1999														2.5	4.1	0.2	3.4	1.4	-1.3	1.0	0.1	7.7	3.0	3.1	
AEO 2000															0.2	-2.6	0.4	-1.2	-3.4	-0.8	-1.4	6.4	1.8	2.1	
AEO 2001																-4.0	1.7	1.2	-0.3	2.9	2.6	10.8	6.2	6.4	
AEO 2002																	2.5	2.5	1.6	4.6	3.7	11.7	6.8	6.8	
AEO 2003																		-1.1	0.2	3.3	3.0	11.5	7.0	7.2	
AEO 2004																			-0.7	2.9	2.6	11.3	6.9	7.3	
AEO 2005																				0.3	0.8	9.3	5.7	7.1	
AEO 2006																					1.1	8.7	3.7	4.4	
AEO 2007																						4.5	3.5	4.2	
AEO 2008																							0.7	1.6	
AEO 2009																								1.4	
Average Absolute Percent Difference (All AEOs)	1.0	2.4	1.6	2.4	3.1	6.5	3.4	3.7	1.7	2.4	2.5	2.9	1.6	4.8	2.3	3.2	2.3	2.4	3.1	2.9	2.8	7.3	3.8	4.0	

* 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 Editions. Data for AEOs 1982 through 1989 adjusted for enhanced coverage of renewables in AER 1998. Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 2.1b.

Table 19. Total Commercial Energy Consumption, Projected vs. Actual

(quadrillion Btu)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	6.6	6.7	6.8	6.8	6.8	6.9																		
AEO 1983	6.4	6.6	6.8	6.9	7.0	7.1					7.2													
AEO 1984	6.2	6.4	6.5	6.7	6.8	6.9					7.3													
AEO 1985	5.9	6.1	6.2	6.3	6.4	6.5					6.7													
AEO 1986		6.2	6.3	6.4	6.4	6.5					7.1					7.4								
AEO 1987			6.1	6.1	6.3	6.4	6.6	6.7	6.8	6.9	6.9					7.3								
AEO 1989*				6.6	6.7	6.9	7.0	7.0	7.1	7.2	7.3	7.3	7.4	7.5	7.6	7.7								
AEO 1990					6.6	6.8				7.1	7.1					7.4						7.8		
AEO 1991						6.7	6.9	7.0	7.1	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.6
AEO 1992							6.8	7.1	7.2	7.3	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6
AEO 1993								7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.7	7.8	7.9	8.0	8.0	8.1	8.1	8.1	8.1	8.2
AEO 1994									6.8	6.9	6.9	7.0	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.4	7.5	7.5
AEO 1995										6.9	6.9	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.3
AEO 1996											7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.6	7.6	7.7	7.7	7.8	7.9
AEO 1997												7.4	7.4	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8.0
AEO 1998													7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.2	8.3	8.4	8.4
AEO 1999														7.4	7.8	7.9	8.0	8.1	8.2	8.2	8.3	8.4	8.5	8.6
AEO 2000															7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.5
AEO 2001																7.8	8.1	8.3	8.6	8.7	8.9	9.0	9.2	9.3
AEO 2002																	8.2	8.4	8.7	8.9	9.0	9.2	9.4	9.6
AEO 2003																		8.4	8.6	8.8	9.0	9.1	9.3	9.4
AEO 2004																			8.4	8.5	8.8	9.0	9.2	9.4
AEO 2005																				8.3	8.4	8.6	8.9	9.1
AEO 2006																					8.4	8.3	8.5	8.7
AEO 2007																						8.3	8.5	8.7
AEO 2008																							8.6	8.7
AEO 2009																							8.6	8.6
Actual	6.0	6.1	6.3	6.6	6.8	6.7	6.8	6.9	7.0	7.1	7.3	7.6	7.8	7.6	7.8	8.2	8.1	8.2	8.3	8.4	8.4	8.1	8.5	8.6
Average Absolute Difference (All AEOs)	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.2	0.6	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.5

Table 19. Total Commercial Energy Consumption, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982																								
AEO 1983	9.2	10.1	7.7	2.0	0.7	2.2																		
AEO 1984	6.5	8.6	7.9	3.7	3.1	5.1																		
AEO 1985	3.2	4.5	3.9	0.4	0.4	3.2																		
AEO 1986	-2.6	-0.1	-1.2	-5.2	-5.5	-3.8																		
AEO 1987		0.9	0.1	-3.8	-4.9	-2.8																		
AEO 1988*			-2.8	-7.4	-7.5	-4.9	-3.9	-2.9	-2.8	-3.4	-5.3													
AEO 1989				-1.2	-0.5	2.0	2.0	2.8	2.6	1.3	-0.5													
AEO 1990					-2.2	0.8					-2.9													
AEO 1991						-0.3	0.8	2.0	1.7	0.6	-1.3	-3.7	-4.9	-2.2	-2.7	-6.4	-4.3	-4.3	-4.4	-3.7	-2.1	2.1	-0.4	-0.4
AEO 1992							-0.2	3.6	3.1	2.2	0.3	-2.0	-3.0	-0.2	-0.6	-4.3	-2.1	-2.5	-2.7	-2.1	-0.8	3.2	0.6	0.3
AEO 1993								4.5	4.3	3.6	1.4	-1.0	-2.3	0.1	-0.6	-4.7	-2.9	-3.6	-4.3	-4.4	-3.6	-0.5	-3.7	-4.7
AEO 1994									-1.9	-3.2	-5.1	-7.6	-9.0	-6.7	-7.9	-11.8	-10.2	-10.8	-11.6	-11.9	-11.4	-8.5	-11.7	-12.7
AEO 1995										-2.2	-5.7	-8.3	-9.9	-8.1	-9.3	-13.5	-12.4	-13.4	-14.4	-14.7	-14.3	-11.6	-14.6	-15.5
AEO 1996											-3.5	-5.3	-6.8	-4.7	-5.6	-9.7	-8.1	-8.6	-9.2	-9.0	-8.1	-4.8	-7.6	-8.2
AEO 1997												-2.3	-6.8	-4.7	-5.6	-9.7	-8.1	-8.6	-9.2	-9.0	-8.1	-4.8	-7.6	-8.2
AEO 1998													-3.7	-0.1	-0.7	-4.6	-2.7	-3.1	-3.5	-3.1	-1.9	1.8	-1.1	-1.7
AEO 1999														-2.6	0.6	-3.2	-1.1	-1.4	-1.9	-1.6	-0.5	3.2	0.3	-0.1
AEO 2000															-0.8	-4.5	-2.1	-2.2	-2.7	-2.3	-1.0	2.8	0.0	-0.4
AEO 2001																-4.8	-0.4	1.6	2.7	4.0	6.0	10.8	8.4	8.5
AEO 2002																	1.0	2.2	4.1	6.1	8.2	13.3	11.1	11.4
AEO 2003																		1.9	2.7	4.8	7.1	12.1	9.7	9.6
AEO 2004																			1.3	1.7	4.7	10.3	8.5	8.9
AEO 2005																				-0.6	0.4	5.7	4.7	6.0
AEO 2006																					0.8	2.1	0.2	0.7
AEO 2007																						2.4	0.6	1.8
AEO 2008																							1.3	0.9
AEO 2009																								-0.4
Average Absolute Percent Difference (All AEOs)	5.4	4.8	3.9	3.4	3.1	2.8	1.1	2.3	2.0	1.8	3.1	3.8	5.1	2.9	3.1	7.6	4.6	4.9	5.3	5.3	5.1	5.9	5.1	5.3

* There is no report titled *Annual Energy Outlook 1988* due to a change in the naming convention of the AEOs.
 Sources: *Annual Energy Outlook*, Mid-Price or Reference Case Projections, Various Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 2.1c.

Table 20. Total Industrial Energy Consumption, Projected vs. Actual

(quadrillion Btu)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	24.0	24.1	24.4	24.9	25.5	26.1																		
AEO 1983	23.2	23.6	23.9	24.4	24.9	25.0					25.4													
AEO 1984	24.1	24.5	25.4	25.5	27.1	27.4					28.7													
AEO 1985	23.2	23.6	23.9	24.4	24.8	24.8					24.4													
AEO 1986		22.2	22.8	23.1	23.4	23.4					23.6					22.8								
AEO 1987			22.4	22.8	23.7	24.0	24.3	24.6	24.6	24.7	24.9					22.6								
AEO 1989*				23.6	24.0	24.1	24.3	24.5	24.3	24.3	24.5	24.6	24.8	24.9	24.4	24.1								
AEO 1990					25.0	25.4					27.1					27.3						28.6		
AEO 1991						24.6	24.5	24.8	24.8	25.0	25.3	25.7	26.2	26.5	26.1	25.9	26.2	26.4	26.6	26.7	27.0	27.2	27.4	27.7
AEO 1992							24.6	25.3	25.4	25.6	26.1	26.3	26.5	26.5	26.0	25.6	25.8	26.0	26.1	26.2	26.4	26.7	26.9	27.2
AEO 1993								25.3	25.4	25.6	26.1	26.3	26.5	26.5	26.0	25.6	25.8	26.0	26.1	26.2	26.4	26.7	26.9	27.2
AEO 1994									25.4	25.9	26.3	26.7	27.0	27.1	26.8	26.6	26.9	27.2	27.7	28.1	28.3	28.7	29.1	29.4
AEO 1995										26.2	26.3	26.5	27.0	27.3	26.9	26.6	26.8	27.1	27.5	27.9	28.2	28.4	28.7	29.0
AEO 1996											26.5	26.6	27.3	27.5	26.9	26.5	26.7	26.9	27.2	27.6	27.9	28.2	28.3	28.5
AEO 1997												26.2	26.5	26.9	26.7	26.6	26.8	27.1	27.4	27.8	28.0	28.4	28.7	28.9
AEO 1998													27.2	27.5	27.2	26.9	27.1	27.5	27.7	27.9	28.3	28.7	29.0	29.3
AEO 1999															26.7	26.4	26.4	26.8	27.1	27.3	27.5	27.9	28.3	28.6
AEO 2000																25.8	25.5	25.7	26.0	26.5	26.9	27.4	27.8	28.1
AEO 2001																	25.8	26.2	26.6	27.0	27.3	27.7	28.1	28.5
AEO 2002																		24.5	25.8	26.6	27.0	27.5	28.0	28.5
AEO 2003																			25.5	25.9	26.2	26.4	26.7	27.2
AEO 2004																				24.5	24.9	25.7	26.1	26.5
AEO 2005																					25.5	25.9	26.2	26.4
AEO 2006																						25.2	25.4	25.8
AEO 2007																							25.3	25.5
AEO 2008																								28.5
AEO 2009																								25.1
Actual	22.3	21.9	22.9	23.9	24.1	24.4	24.1	25.1	25.1	25.9	26.2	27.0	27.3	26.8	26.6	26.5	25.2	25.2	25.0	25.9	24.9	25.1	25.0	24.0
Average Absolute Difference (All AEOs)	1.3	1.6	1.1	0.8	1.0	0.9	0.3	0.4	0.4	0.6	1.0	0.9	0.7	0.5	0.6	1.0	1.2	1.3	1.8	1.2	2.3	2.2	2.7	3.8

Table 20. Total Industrial Energy Consumption, Projected vs. Actual

(percent difference)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	7.7	9.7	6.4	3.9	6.2	6.9																			
AEO 1983	3.9	7.4	4.4	1.8	3.3	2.1					-3.1														
AEO 1984	7.8	11.8	11.0	6.5	12.5	12.1					9.5														
AEO 1985	3.8	7.4	4.3	1.9	3.2	1.4					-6.8														
AEO 1986		1.0	-0.6	-3.5	-2.9	-4.1					-10.1					-14.1									
AEO 1987			-2.1	-4.7	-1.5	-2.0	0.8	-2.2	-2.0	-4.3	-4.9					-14.8									
AEO 1989*				-1.5	-0.4	-1.6	0.9	-2.5	-3.1	-5.9	-6.6	-8.7	-8.9	-7.1	-8.2	-8.9									
AEO 1990					3.9	4.0					3.6					3.2					14.7				
AEO 1991						0.8	1.8	-1.2	-1.3	-3.4	-3.3	-4.7	-3.8	-1.2	-1.7	-2.2	3.8	4.7	6.3	3.2	8.1	8.3	9.9	15.6	
AEO 1992							2.3	0.8	1.2	-0.8	-0.4	-2.6	-2.9	-1.0	-2.3	-3.3	2.2	2.9	4.3	1.2	6.0	6.3	7.8	13.2	
AEO 1993								0.8	1.2	-0.8	-0.4	-2.6	-2.9	-1.0	-2.3	-3.3	2.2	2.9	4.3	1.2	6.0	6.3	7.8	13.2	
AEO 1994									1.2	0.2	0.4	-1.2	-1.1	1.0	0.6	0.4	6.6	7.9	10.5	8.3	13.7	14.3	16.5	22.6	
AEO 1995										1.2	0.3	-1.7	-0.8	1.7	1.0	0.3	6.2	7.4	9.7	7.5	12.9	13.4	15.1	21.1	
AEO 1996											1.3	-1.3	0.2	2.5	1.1	-0.1	5.7	6.7	8.8	6.4	11.9	12.2	13.4	18.9	
AEO 1997												-2.8	0.2	2.5	1.1	-0.1	5.7	6.7	8.8	6.4	11.9	12.2	13.4	18.9	
AEO 1998													-0.1	2.4	2.4	1.5	7.5	8.8	10.5	7.8	13.4	14.4	16.3	22.4	
AEO 1999														-0.2	-0.7	-0.2	6.3	7.6	9.2	6.1	11.7	12.6	14.6	20.5	
AEO 2000															-3.0	-3.7	1.8	3.0	5.8	3.9	9.8	10.7	12.5	18.2	
AEO 2001																-2.7	3.7	5.3	8.1	5.4	10.9	11.9	14.1	20.1	
AEO 2002																		2.4	6.4	4.3	10.2	11.5	14.0	20.0	
AEO 2003																			0.9	3.6	1.2	5.7	6.6	9.0	15.2
AEO 2004																				-2.1	-3.8	3.0	4.3	6.3	12.0
AEO 2005																					-1.7	3.8	4.6	5.9	12.0
AEO 2006																						0.8	1.1	4.5	9.7
AEO 2007																							1.0	2.4	7.6
AEO 2008																								14.3	18.8
AEO 2009																									4.6
Average Absolute Percent Difference (All AEOs)	5.8	7.5	4.8	3.4	4.2	3.9	0.9	1.1	1.2	1.8	3.9	2.9	2.1	2.0	2.0	3.9	4.5	5.2	7.0	4.5	9.1	8.9	11.0	16.0	

* 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 Editions. Data for AEOs 1982 through 2000 adjusted for enhanced coverage of renewables in AER 1998 and the move of independent power producers from industrial to electricity generation in AER 2001.

Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 2.1d.

Table 21. Total Transportation Energy Consumption, Projected vs. Actual

(quadrillion Btu)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	18.6	18.2	17.7	17.3	17.0	16.9																		
AEO 1983	19.8	20.1	20.4	20.4	20.5	20.5					20.7													
AEO 1984	19.2	19.0	19.0	19.0	19.1	19.2					20.1													
AEO 1985	20.0	19.8	20.0	20.0	20.0	20.1					20.3													
AEO 1986		20.5	20.8	20.8	20.6	20.7					20.3					21.0								
AEO 1987			21.3	21.5	21.6	21.7	21.8	22.0	22.0	22.0	21.9					22.3								
AEO 1989*				21.8	22.2	22.4	22.4	22.5	22.5	22.5	22.5	22.6	22.7	22.8	23.0	23.2								
AEO 1990					22.0	22.4					23.2					24.3					25.5			
AEO 1991						22.1	21.6	21.9	22.1	22.3	22.5	22.8	23.1	23.4	23.8	24.1	24.5	24.8	25.1	25.4	25.7	26.0	26.3	26.6
AEO 1992							21.7	22.0	22.5	22.9	23.2	23.4	23.6	23.9	24.1	24.4	24.8	25.1	25.4	25.7	26.0	26.3	26.6	26.9
AEO 1993								22.5	22.8	23.4	23.9	24.3	24.7	25.1	25.4	25.7	26.1	26.5	26.8	27.2	27.6	27.9	28.1	28.4
AEO 1994									23.6	24.1	24.5	24.7	25.1	25.4	25.7	26.2	26.5	26.9	27.2	27.6	27.9	28.3	28.6	28.9
AEO 1995										23.3	24.0	24.2	24.7	25.1	25.5	25.9	26.2	26.5	26.9	27.3	27.7	28.0	28.3	28.5
AEO 1996											23.9	24.1	24.5	24.8	25.3	25.7	26.0	26.4	26.7	27.1	27.5	27.8	28.1	28.4
AEO 1997												24.7	25.3	25.9	26.4	27.0	27.5	28.0	28.5	28.9	29.4	29.8	30.3	30.6
AEO 1998													25.3	25.9	26.7	27.1	27.7	28.3	28.8	29.4	30.0	30.6	31.2	31.7
AEO 1999														25.4	26.0	27.0	27.6	28.2	28.8	29.4	30.0	30.6	31.2	31.7
AEO 2000															26.2	26.8	27.4	28.0	28.5	29.1	29.7	30.3	30.9	31.4
AEO 2001																26.8	27.5	28.3	28.8	29.4	30.0	30.6	31.2	31.8
AEO 2002																	27.5	28.0	28.9	29.5	30.2	30.7	31.3	32.0
AEO 2003																		27.2	27.7	28.3	28.9	29.7	30.5	31.4
AEO 2004																			27.2	28.1	28.9	29.6	30.2	30.9
AEO 2005																				27.8	28.4	29.0	29.7	30.4
AEO 2006																					28.1	28.4	29.0	29.5
AEO 2007																						28.4	28.7	29.0
AEO 2008																							28.5	28.5
AEO 2009																								27.9
Actual	20.1	20.8	21.4	22.3	22.4	22.4	22.1	22.4	22.7	23.3	23.8	24.4	24.7	25.2	25.9	26.5	26.2	26.8	27.0	27.8	28.3	28.8	29.1	27.9
Average Absolute Difference (All AEOs)	0.7	1.2	1.6	2.2	2.1	1.7	0.4	0.3	0.5	0.6	1.6	0.7	0.7	0.8	0.9	1.7	1.0	0.9	1.0	1.1	1.2	1.2	1.3	2.1

Table 21. Total Transportation Energy Consumption, Projected vs. Actual

(percent difference)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AEO 1982	-7.2	-12.4	-17.4	-22.5	-24.1	-24.3																		
AEO 1983	-1.5	-3.1	-4.9	-8.3	-8.9	-8.6					-13.1													
AEO 1984	-4.4	-8.6	-11.5	-14.7	-14.9	-14.0					-15.7													
AEO 1985	-0.3	-4.8	-6.8	-10.2	-10.7	-10.4					-14.7													
AEO 1986		-1.2	-3.0	-6.7	-8.0	-7.5					-14.6					-20.9								
AEO 1987			-0.9	-3.6	-3.8	-3.1	-1.2	-1.9	-3.0	-5.6	-7.9					-15.9								
AEO 1989*				-2.1	-0.9	0.0	1.4	0.4	-1.2	-3.7	-5.5	-7.4	-8.4	-9.7	-11.4	-12.5								
AEO 1990					-1.9	-0.1					-2.4					-8.3					-9.9			
AEO 1991						-1.4	-2.2	-2.1	-2.7	-4.5	-5.5	-6.6	-6.4	-7.1	-8.3	-9.2	-6.7	-7.4	-6.8	-8.9	-9.3	-9.7	-9.6	-4.6
AEO 1992							-1.6	-1.9	-1.1	-1.9	-2.5	-4.1	-4.5	-5.4	-7.0	-8.0	-5.5	-6.3	-5.7	-7.7	-8.1	-8.5	-8.5	-3.6
AEO 1993								0.5	0.1	0.1	0.4	-0.5	-0.2	-0.5	-1.9	-2.9	-0.4	-1.3	-0.5	-2.3	-2.6	-3.1	-3.3	1.9
AEO 1994									3.9	3.2	2.7	1.3	1.4	0.6	-0.7	-1.3	1.0	0.2	1.0	-1.1	-1.4	-1.8	-1.6	3.8
AEO 1995										-0.3	0.8	-0.9	-0.1	-0.4	-1.6	-2.5	-0.3	-1.1	-0.3	-2.0	-2.3	-2.8	-2.8	2.3
AEO 1996											0.4	-1.3	-1.0	-1.5	-2.5	-3.2	-0.7	-1.6	-0.8	-2.8	-2.9	-3.4	-3.3	1.9
AEO 1997												1.2	-1.0	-1.5	-2.5	-3.2	-0.7	-1.6	-0.8	-2.8	-2.9	-3.4	-3.3	1.9
AEO 1998													2.6	2.5	2.9	2.4	5.7	5.6	7.0	5.6	5.9	6.3	7.2	13.8
AEO 1999														0.8	0.2	1.9	5.3	5.3	6.9	5.4	5.9	6.2	7.2	13.8
AEO 2000															1.3	1.2	4.4	4.3	5.7	4.6	5.0	5.3	6.2	12.8
AEO 2001																1.2	5.0	5.4	6.9	5.6	6.0	6.4	7.3	14.0
AEO 2002																	4.8	4.6	7.3	6.1	6.6	6.8	7.8	15.0
AEO 2003																		1.3	3.0	1.6	2.2	3.2	5.0	12.6
AEO 2004																			0.9	0.8	2.1	2.9	4.0	10.8
AEO 2005																				-0.2	0.4	0.8	2.2	9.3
AEO 2006																					-0.8	-1.3	-0.1	6.0
AEO 2007																						-1.3	-0.1	6.0
AEO 2008																							-1.4	3.9
AEO 2009																								2.2
Average Absolute Percent Difference (All AEOs)	3.3	6.0	7.4	9.7	9.2	7.7	1.1	1.0	1.5	2.2	6.6	2.6	2.5	2.9	3.4	6.3	3.4	3.5	3.8	3.8	4.4	4.3	4.5	7.4

* 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 Editions.
 Historical Data: Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 2.1e.

Table 22. Total Carbon Dioxide Emissions, Projected vs. Actual

(million metric tons)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982																									
AEO 1983																									
AEO 1984																									
AEO 1985																									
AEO 1986																									
AEO 1987																									
AEO 1989*																									
AEO 1990																									
AEO 1991																									
AEO 1992																									
AEO 1993								5009	5053	5130	5207	5269	5335	5401	5449	5504	5562	5621	5672	5724	5771	5819	5867	5918	
AEO 1994									5060	5130	5185	5240	5287	5335	5379	5438	5482	5529	5599	5658	5694	5738	5797	5874	
AEO 1995										5137	5174	5188	5262	5309	5361	5394	5441	5489	5551	5621	5680	5727	5775	5841	
AEO 1996											5182	5224	5295	5355	5417	5464	5525	5589	5660	5735	5812	5879	5925	5981	
AEO 1997												5295	5381	5491	5586	5658	5715	5781	5863	5934	6009	6106	6184	6236	
AEO 1998													5474	5621	5711	5784	5893	5957	6026	6098	6192	6292	6379	6465	
AEO 1999														5522	5689	5810	5913	5976	6036	6084	6152	6244	6325	6418	
AEO 2000															5573	5692	5777	5865	5971	6078	6172	6262	6345	6420	
AEO 2001																5630	5781	5909	6023	6114	6197	6281	6387	6470	
AEO 2002																	5723	5808	5981	6095	6210	6323	6438	6530	
AEO 2003																		5633	5749	5856	5954	6095	6232	6360	
AEO 2004																			5743	5826	5986	6124	6251	6357	
AEO 2005																				5905	6023	6138	6274	6415	
AEO 2006																					5967	5978	6080	6182	
AEO 2007																						5940	5999	6059	
AEO 2008																							5977	5983	
AEO 2009																								5849	
Actual	4638	4643	4800	5013	5106	5021	4974	5084	5207	5294	5348	5534	5611	5638	5708	5893	5807	5881	5939	6024	6032	5946	6022	5984	
Average Absolute Difference (All AEOs)								75.4	151.1	161.5	161.7	291.0	272.0	204.5	188.2	295.7	164.1	175.5	173.1	175.5	154.0	200.7	216.8	267.4	

Table 22. Total Carbon Dioxide Emissions, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982																									
AEO 1983																									
AEO 1984																									
AEO 1985																									
AEO 1986																									
AEO 1987																									
AEO 1989*																									
AEO 1990																									
AEO 1991																									
AEO 1992																									
AEO 1993								-1.5	-3.0	-3.1	-2.7	-4.8	-4.9	-4.2	-4.5	-6.6	-4.2	-4.4	-4.5	-5.0	-4.3	-2.1	-2.6	-1.1	
AEO 1994									-2.8	-3.1	-3.1	-5.3	-5.8	-5.4	-5.8	-7.7	-5.6	-6.0	-5.7	-6.1	-5.6	-3.5	-3.7	-1.8	
AEO 1995										-3.0	-3.3	-6.2	-6.2	-5.8	-6.1	-8.5	-6.3	-6.7	-6.5	-6.7	-5.8	-3.7	-4.1	-2.4	
AEO 1996											-3.1	-5.6	-5.6	-5.0	-5.1	-7.3	-4.8	-5.0	-4.7	-4.8	-3.6	-1.1	-1.6	0.0	
AEO 1997											-4.1	-2.6	-2.1	-4.0	-1.6	-1.7	-1.3	-1.5	-0.4			2.7	2.7	4.2	
AEO 1998												-2.4	-0.3	0.0	-1.9	1.5	1.3	1.5	1.2	2.6		5.8	5.9	8.0	
AEO 1999													-2.1	-0.3	-1.4	1.8	1.6	1.6	1.0	2.0		5.0	5.0	7.3	
AEO 2000														-2.4	-3.4	-0.5	-0.3	0.5	0.9	2.3		5.3	5.4	7.3	
AEO 2001															-4.5	-0.5	0.5	1.4	1.5	2.7		5.6	6.1	8.1	
AEO 2002																-1.4	-1.2	0.7	1.2	2.9		6.3	6.9	9.1	
AEO 2003																	-4.2	-3.2	-2.8	-1.3		2.5	3.5	6.3	
AEO 2004																		-3.3	-3.3	-0.8		3.0	3.8	6.2	
AEO 2005																			-2.0	-0.1		3.2	4.2	7.2	
AEO 2006																				-1.1		0.5	1.0	3.3	
AEO 2007																						-0.1	-0.4	1.3	
AEO 2008																							-0.7	0.0	
AEO 2009																								-2.3	
Average Absolute Percent Difference (All AEOs)								1.5	2.9	3.1	3.0	5.3	4.8	3.6	3.3	5.0	2.8	3.0	2.9	2.9	2.6	3.4	3.6	4.5	

* 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 Editions.

Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 12.1, and 2008 preliminary

Historical Data: estimate from <http://www.eia.doe.gov/iaf/1605/flash/flash.html>.

Table 23. Energy Intensity, Projected vs. Actual

(quadrillion Btu / \$Billion Nominal GDP)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	20.1	18.5	16.9	15.5	14.4	13.2																			
AEO 1983	19.9	18.7	17.4	16.2	15.1	14.0					9.5														
AEO 1984	20.1	19.0	17.7	16.5	15.5	14.5					10.2														
AEO 1985	20.0	19.1	18.0	16.9	15.9	14.7	13.7	12.7	11.8	11.0	10.3														
AEO 1986		18.3	17.8	16.8	16.1	15.2	14.3	13.4	12.6	11.7	10.9	10.2	9.5	8.9	8.3	7.8									
AEO 1987			17.6	17.0	16.3	15.4	14.5	13.7	12.9	12.1	11.4														
AEO 1989*				16.9	16.2	15.2	14.2	13.3	12.5	11.7	10.9	10.2	9.6	9.0	8.5	8.0									
AEO 1990					16.1	15.4					11.7											6.4			
AEO 1991						15.5	14.9	14.2	13.6	13.0	12.5	11.9	11.3	10.8	10.3	9.7	9.2	8.7	8.3	7.9	7.4	7.0	6.7	6.3	
AEO 1992							15.0	14.5	13.9	13.3	12.7	12.1	11.6	11.0	10.5	10.0	9.5	9.0	8.6	8.1	7.7	7.3	6.9	6.6	
AEO 1993								14.7	13.9	13.4	12.8	12.3	11.8	11.2	10.7	10.2	9.6	9.2	8.7	8.3	7.8	7.4	7.1	6.7	
AEO 1994									14.1	13.5	13.1	12.6	12.1	11.6	11.1	10.6	10.2	9.8	9.3	9.0	8.6	8.2	7.8	7.5	
AEO 1995										13.2	12.7	12.2	11.7	11.3	10.8	10.4	9.9	9.5	9.0	8.6	8.3	7.9	7.6	7.3	
AEO 1996											12.8	12.4	11.9	11.5	11.0	10.5	10.1	9.6	9.2	8.8	8.4	8.1	7.7	7.4	
AEO 1997												12.2	11.9	11.5	11.1	10.7	10.2	9.9	9.5	9.1	8.7	8.4	8.0	7.7	
AEO 1998													11.7	11.5	11.2	10.8	10.4	10.1	9.7	9.4	9.0	8.7	8.4	8.0	
AEO 1999														11.2	10.8	10.5	10.2	9.8	9.4	9.1	8.8	8.5	8.2	7.9	
AEO 2000															10.8	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.6	8.3	
AEO 2001																9.8	9.4	9.2	8.9	8.5	8.2	8.0	7.7	7.4	
AEO 2002																	9.6	9.5	9.2	8.9	8.5	8.2	7.9	7.5	
AEO 2003																		9.3	9.0	8.6	8.3	8.1	7.8	7.6	
AEO 2004																			9.0	8.8	8.5	8.2	7.9	7.6	
AEO 2005																				8.5	8.2	8.0	7.7	7.5	
AEO 2006																					8.1	7.7	7.5	7.2	
AEO 2007																						7.6	7.4	7.1	
AEO 2008																							7.3	7.2	
AEO 2009																								7.0	
Actual	18.1	17.2	16.7	16.2	15.5	14.6	14.1	13.6	13.2	12.6	12.3	12.0	11.4	10.9	10.4	10.1	9.5	9.3	9.0	8.6	8.1	7.6	7.4	7.0	
Average Absolute Difference (All AEOs)	1.9	1.5	0.9	0.5	0.6	0.6	0.5	0.6	0.7	0.8	1.1	0.6	0.7	0.7	0.7	0.8	0.5	0.4	0.4	0.4	0.5	0.6	0.5	0.5	

Table 23. Energy Intensity, Projected vs. Actual

(percent difference)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
AEO 1982	10.8	7.5	1.1	-4.2	-7.2	-9.2																			
AEO 1983	9.8	8.4	4.3	-0.1	-2.4	-4.2					-22.9														
AEO 1984	10.7	10.2	5.9	1.8	0.0	-0.9					-17.1														
AEO 1985	10.2	11.3	7.7	4.4	2.5	0.9	-3.1	-6.5	-10.2	-12.7	-16.6														
AEO 1986		6.6	6.4	3.7	3.9	4.0	1.4	-1.0	-4.4	-7.0	-11.4	-15.7	-17.0	-18.6	-20.5	-22.9									
AEO 1987			5.4	4.9	5.1	5.3	3.0	1.4	-1.7	-3.8	-7.6														
AEO 1989*				4.3	4.4	3.9	0.6	-2.0	-5.3	-7.6	-11.2	-15.1	-15.7	-16.9	-18.6	-20.3									
AEO 1990					3.8	5.5					-5.4											-21.1			
AEO 1991						6.0	5.7	4.4	3.3	3.3	1.1	-1.4	-0.7	-0.9	-1.9	-3.5	-3.1	-6.5	-7.6	-8.6	-8.2	-7.1	-9.3	-9.0	
AEO 1992							6.3	7.1	5.3	5.3	3.2	0.8	1.6	1.5	0.6	-0.9	-0.2	-3.5	-4.5	-5.4	-4.8	-3.8	-6.1	-5.9	
AEO 1993								8.0	5.8	6.0	4.2	2.0	3.0	2.9	2.2	0.8	1.4	-2.0	-2.9	-3.8	-3.1	-1.8	-4.1	-3.7	
AEO 1994									6.8	7.1	6.0	4.3	5.8	6.6	6.4	5.6	7.2	4.4	4.2	4.2	5.8	8.0	6.2	7.5	
AEO 1995										4.5	3.0	1.3	2.8	3.7	3.5	2.7	4.2	1.4	1.0	0.7	2.2	4.4	3.2	4.4	
AEO 1996											4.2	3.0	4.6	5.4	5.2	4.3	5.7	3.1	3.1	3.0	4.3	6.4	4.8	6.3	
AEO 1997												1.4	4.0	5.7	6.2	5.7	7.7	5.6	5.9	6.1	8.0	10.4	8.9	10.2	
AEO 1998													2.9	5.3	6.9	7.1	9.9	8.0	8.6	9.1	11.5	14.7	13.8	15.6	
AEO 1999														2.6	5.9	7.2	10.6	8.7	9.4	10.0	12.7	16.0	15.1	17.2	
AEO 2000															3.1	5.1	8.1	7.2	8.5	9.5	12.5	16.5	16.3	19.1	
AEO 2001																-2.9	-0.7	-2.0	-1.1	-0.5	1.8	4.9	4.5	6.6	
AEO 2002																	1.3	1.8	3.0	3.6	5.7	8.4	7.0	7.9	
AEO 2003																		-0.4	0.4	0.5	3.0	6.7	6.6	8.8	
AEO 2004																			0.9	2.2	5.1	8.4	7.7	9.5	
AEO 2005																				-0.9	1.7	5.3	5.0	7.9	
AEO 2006																					-0.4	1.7	1.9	3.5	
AEO 2007																						0.2	0.2	2.2	
AEO 2008																								0.2	2.8
AEO 2009																									1.0
Average Absolute Percent Difference (All AEOs)	10.4	8.8	5.1	3.4	3.7	4.4	3.4	4.3	5.4	6.4	8.7	5.0	5.8	6.4	6.7	8.1	5.0	4.2	4.4	4.5	6.6	7.3	6.7	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 Editions.
 Energy Information Administration, *Annual Energy Review 2008*, DOE/EIA-0384(2007) (Washington, DC, June 23, 2008), Table 1.3, and Bureau of Economic
 Historical Data: Analysis, US Dept. of Commerce, <http://www.bea.gov/national/xls/gdplev.xls>, June 2008.