

**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	12.3	12.3
AEO 2004																			11.5	11.8	11.9	12.0	12.2	12.3	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.