

## Annual Energy Outlook Evaluation, 2005

**Table 2. Total Energy Consumption, Actual vs. Reference Case Projections**

(quadrillion Btu)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
AEO 1982	79.1	79.6	79.9	80.8	82.0	83.3														
AEO 1983	78.0	79.5	81.0	82.4	83.8	84.6					89.5									
AEO 1984	78.5	79.4	81.2	83.1	85.0	86.4					93.5									
AEO 1985	77.6	78.5	79.8	81.2	82.6	83.3	84.2	85.2	85.9	86.7	87.7									
AEO 1986		77.0	78.8	79.8	80.6	81.5	82.9	84.0	84.8	85.7	86.5	87.9	88.4	87.8	88.7	89.6				
AEO 1987			78.9	80.0	81.9	82.8	83.9	85.3	86.4	87.5	88.4					91.9				
AEO 1989*				82.2	83.7	84.5	85.4	86.4	87.3	88.2	89.2	90.8	91.4	90.9	91.7	92.9				
AEO 1990					84.2	85.4	85.4	86.4	87.3	88.2	89.2	90.8	91.4	90.9	91.7	92.9				
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
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
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
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
AEO 1995										89.2	90.0	90.6	91.9	93.0	93.8	94.6	95.3	96.2	97.2	98.4
AEO 1996											90.6	91.3	92.5	93.5	94.3	95.1	95.9	96.9	98.0	99.2
AEO 1997												92.6	93.6	95.1	96.6	97.9	98.8	99.9	101.2	102.4
AEO 1998													94.7	96.7	98.6	99.8	101.3	102.4	103.4	104.5
AEO 1999														94.6	97.0	99.2	100.9	102.0	102.9	103.6
AEO 2000															96.4	98.2	99.4	100.9	102.4	103.8
AEO 2001																97.6	99.9	102.2	104.1	105.6
AEO 2002																	98.3	101.0	104.1	105.8
AEO 2003																		97.5	99.9	101.7
AEO 2004																			98.1	100.2
AEO 2005																				99.8
Actual	76.5	76.8	79.2	82.8	85.0	84.7	84.6	86.0	87.6	89.3	91.2	94.3	94.8	95.2	96.8	99.0	96.5	97.9	98.3	99.7
Average Absolute Difference (All AEOs)	1.8	2.0	1.0	1.6	2.0	1.2	0.7	0.9	1.0	1.3	1.8	3.2	2.4	2.1	2.4	3.2	2.1	2.1	2.6	2.3

  

(percent difference)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
AEO 1982	3.4	3.7	0.9	-2.5	-3.5	-1.7															
AEO 1983	2.0	3.5	2.2	-0.5	-1.4	-0.1					-1.9										
AEO 1984	2.6	3.4	2.5	0.3	0.1	2.0					2.5										
AEO 1985	1.4	2.2	0.7	-2.0	-2.8	-1.7	-0.5	-0.9	-2.0	-2.9	-3.9										
AEO 1986		0.3	-0.5	-3.7	-5.1	-3.8	-2.1	-2.3	-3.2	-4.0	-5.2	-6.7	-6.7	-7.8	-8.4	-9.5					
AEO 1987			-0.4	-3.4	-3.6	-2.2	-0.9	-0.8	-1.4	-2.0	-3.1										
AEO 1989*				-0.8	-1.5	-0.2	0.9	0.5	-0.4	-1.2	-2.2	-3.7	-3.6	-4.5	-5.3	-6.1					
AEO 1990					-0.9	0.8					0.7										
AEO 1991						-0.4	0.4	0.0	-0.7	-1.6	-2.4	-4.1	-3.1	-2.2	-2.7	-3.4	0.6	0.5	1.1	0.6	
AEO 1992							0.1	1.2	0.4	-0.1	-0.8	-3.0	-2.5	-1.8	-2.4	-3.4	0.4	0.1	0.7	0.3	
AEO 1993								1.2	0.8	0.6	0.1	-1.7	-0.8	0.1	-0.5	-1.5	2.2	1.9	2.4	2.0	
AEO 1994									0.5	0.3	-0.6	-2.2	-1.7	-2.4	-3.3	0.2	-0.2	0.6	0.3		
AEO 1995										-0.1	-1.4	-3.9	-3.0	-2.3	-3.1	-4.4	-1.2	-1.7	-1.2	-1.4	
AEO 1996											-0.7	-3.2	-2.4	-1.8	-2.7	-3.9	-0.6	-1.0	-0.3	-0.5	
AEO 1997												-1.7	-1.3	-0.1	-0.3	-1.1	2.4	2.1	2.9	2.7	
AEO 1998													-0.1	1.6	1.8	0.8	5.0	4.6	5.2	4.8	
AEO 1999															-0.6	0.1	0.3	4.6	4.2	4.6	3.8
AEO 2000																-0.5	-0.8	3.0	3.0	4.2	4.1
AEO 2001																	-1.4	3.6	4.4	5.9	5.9
AEO 2002																		1.9	3.2	5.8	6.1
AEO 2003																			-0.4	1.6	2.0
AEO 2004																				-0.2	0.5
AEO 2005																					0.1
Average Absolute Difference (All AEOs)	2.4	2.6	1.2	1.9	2.3	1.4	0.8	1.0	1.2	1.4	2.0	3.4	2.6	2.2	2.5	3.2	2.1	2.1	2.6	2.3	

\* There is no report titled *Annual Energy Outlook: 1988* due to a change in the naming convention of the AEOs.  
 Sources: Projections: *Annual Energy Outlook*, Mid-Price or Reference Case Projections, Various Editions.  
 Historical Data: Energy Information Administration, *Annual Energy Review 2004*, DOE/EIA-0384(2004) (Washington, DC, August 2005), Table 1.3.