

Table 5. Total Coal Consumption, Actual vs. Forecasts

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	(million short tons)													
AEO82	805	825	843	868	896	936								
AEO83	807	831	848	870	899	928					1061			
AEO84	843	848	866	889	919	958					1110			
AEO85	818	833	842	853	867	891	918	943	970	989	1008			
AEO86		813	831	860	870	888	919	945	972	995	1021	1038	1051	1069
AEO87			837	837	854	879	896	912	932	954	975			
AEO89				872	882	894	903	927	947	965	987	990	1006	1026
AEO90					884	893					984			
AEO91						893	902	918	932	943	948	962	973	984
AEO92							905	934	919	925	934	944	953	961
AEO93								929	931	940	947	958	965	970
AEO94									920	928	933	938	943	948
AEO95										935	940	941	947	948
AEO96											937	942	954	962
AEO97												948	970	987
AEO98													1009	1051
AEO99														1040
AEO2000														
AEO2001														
AEO2002														
AEO2003														
Actual	818	804	837	884	895	905	899	908	944	951	962	1006	1030	1037
Average Absolute Error (Across AEOs)	12	26	10	21	18	22	9	22	18	20	42	51	57	51
	(percent error)													
AEO82	-1.6	2.6	0.7	-1.8	0.1	3.5								
AEO83	-1.3	3.4	1.3	-1.6	0.4	2.6					10.3			
AEO84	3.1	5.5	3.5	0.6	2.7	5.9					15.4			
AEO85	0.0	3.6	0.6	-3.5	-3.1	-1.5	2.1	3.9	2.7	4.0	4.8			
AEO86		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
AEO87			0.0	-5.3	-4.6	-2.8	-0.4	0.5	-1.3	0.3	1.3			
AEO89				-1.4	-1.5	-1.2	0.4	2.1	0.3	1.4	2.6	-1.6	-2.3	-1.1
AEO90					-1.2	-1.3					2.3			
AEO91						-1.3	0.3	1.1	-1.3	-0.9	-1.5	-4.4	-5.5	-5.1
AEO92							0.6	2.9	-2.7	-2.8	-2.9	-6.2	-7.4	-7.3
AEO93								2.4	-1.4	-1.2	-1.6	-4.8	-6.3	-6.5
AEO94									-2.6	-2.4	-3.0	-6.8	-8.4	-8.6
AEO95										-1.7	-2.3	-6.5	-8.0	-8.6
AEO96											-2.6	-6.4	-7.3	-7.2
AEO97												-5.8	-5.8	-4.8
AEO98													-2.0	1.3
AEO99														0.3
AEO2000														
AEO2001														
AEO2002														
AEO2003														
Average Absolute Percent Error (Across 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

Table 5. Total Coal Consumption, Actual vs. Forecasts

	1999	2000	2001	2002
AEO82				
AEO83				
AEO84				
AEO85				
AEO86	1083	1105		
AEO87		1059		
AEO89	1045	1062		
AEO90		1049		
AEO91	991	1003	1003	1011
AEO92	971	993	1003	1011
AEO93	972	987	997	1004
AEO94	953	958	962	967
AEO95	951	954	958	963
AEO96	983	990	1004	1017
AEO97	1003	1017	1020	1025
AEO98	1044	1058	1087	1084
AEO99	1075	1092	1109	1113
AEO2000	1053	1086	1103	1124
AEO2001		1078	1112	1135
AEO2002			1088	1092
AEO2003				1040
Actual	1039	1084	1060	1066
Average Absolute Error (Across AEOs)	46	59	56	54

	1999	2000	2001	2002
AEO82				
AEO83				
AEO84				
AEO85				
AEO86	4.3	1.9		
AEO87		-2.3		
AEO89	0.6	-2.0		
AEO90		-3.2		
AEO91	-4.6	-7.5	-5.4	-5.1
AEO92	-6.5	-8.4	-5.4	-5.1
AEO93	-6.4	-9.0	-6.0	-5.8
AEO94	-8.2	-11.6	-9.3	-9.3
AEO95	-8.4	-12.0	-9.6	-9.6
AEO96	-5.4	-8.7	-5.3	-4.6
AEO97	-3.4	-6.2	-3.8	-3.8
AEO98	0.5	-2.4	2.5	1.7
AEO99	3.5	0.7	4.6	4.4
AEO2000	1.4	0.2	4.0	5.5
AEO2001		-0.6	4.8	6.5
AEO2002			2.6	2.4
AEO2003				-2.4
Average Absolute Percent Error (Across AEOs)	4.4	5.5	5.3	5.1

Table 5. Total Coal Consumption, Actual vs. Forecasts

Absolute Forecasting Errors as Compared to Actual Historical Figures

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
AEO82	13.0	21.0	6.0	16.0	1.0	31.5								
AEO83	11.0	27.0	11.0	14.0	4.0	23.5					98.9			
AEO84	25.0	44.0	29.0	5.0	24.0	53.5					147.9			
AEO85	0.0	29.0	5.0	31.0	28.0	13.5	18.8	35.3	25.9	37.7	45.9			
AEO86		9.0	6.0	24.0	25.0	16.5	19.8	37.3	27.9	43.7	58.9	31.7	21.5	31.9
AEO87			0.0	47.0	41.0	25.5	3.2	4.3	12.1	2.7	12.9			
AEO89				12.0	13.0	10.5	3.8	19.3	2.9	13.7	24.9	16.3	23.5	11.1
AEO90					11.0	11.5					21.9			
AEO91						11.5	2.8	10.3	12.1	8.3	14.1	44.3	56.5	53.1
AEO92							5.8	26.3	25.1	26.3	28.1	62.3	76.5	76.1
AEO93								21.3	13.1	11.3	15.1	48.3	64.5	67.1
AEO94									24.1	23.3	29.1	68.3	86.5	89.1
AEO95										16.3	22.1	65.3	82.5	89.1
AEO96											25.1	64.3	75.5	75.1
AEO97												58.3	59.5	50.1
AEO98													20.5	13.9
AEO99														2.9
AEO2000														
AEO2001														
AEO2002														
AEO2003														

Actual

Average
Absolute
Error (Across
AEOs)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	(absolute percent error)													
AEO82	1.6	2.6	0.7	1.8	0.1	3.5								
AEO83	1.3	3.4	1.3	1.6	0.4	2.6					10.3			
AEO84	3.1	5.5	3.5	0.6	2.7	5.9					15.4			
AEO85	0.0	3.6	0.6	3.5	3.1	1.5	2.1	3.9	2.7	4.0	4.8			
AEO86		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
AEO87			0.0	5.3	4.6	2.8	0.4	0.5	1.3	0.3	1.3			
AEO89				1.4	1.5	1.2	0.4	2.1	0.3	1.4	2.6	1.6	2.3	1.1
AEO90					1.2	1.3					2.3			
AEO91						1.3	0.3	1.1	1.3	0.9	1.5	4.4	5.5	5.1
AEO92							0.6	2.9	2.7	2.8	2.9	6.2	7.4	7.3
AEO93								2.4	1.4	1.2	1.6	4.8	6.3	6.5
AEO94									2.6	2.4	3.0	6.8	8.4	8.6
AEO95										1.7	2.3	6.5	8.0	8.6
AEO96											2.6	6.4	7.3	7.2
AEO97												5.8	5.8	4.8
AEO98													2.0	1.3
AEO99														0.3
AEO2000														
AEO2001														
AEO2002														
AEO2003														

Average
Absolute
Percent Error
(Across
AEOs)

Table 5. Total Coal Consumption, Actual vs. Forecasts

	1999	2000	2001
AEO82			
AEO83			
AEO84			
AEO85			
AEO86	44.4	20.9	
AEO87			
AEO89	6.4	22.1	
AEO90			
AEO91	47.6	81.1	57.3
AEO92	67.6	91.1	57.3
AEO93	66.6	97.1	63.3
AEO94	85.6	126.1	98.3
AEO95	87.6	130.1	102.3
AEO96	55.6	94.1	56.3
AEO97	35.6	67.1	40.3
AEO98	5.4	26.1	26.7
AEO99	36.4	7.9	48.7
AEO2000	14.4	1.9	42.7
AEO2001		6.4	51.4
AEO2002			27.4
AEO2003			

Actual

Average
Absolute
Error (Across
AEOs)

	1999	2000	2001
AEO82			
AEO83			
AEO84			
AEO85			
AEO86	4.3	1.9	
AEO87			
AEO89	0.6	2.0	
AEO90			
AEO91	4.6	7.5	5.4
AEO92	6.5	8.4	5.4
AEO93	6.4	9.0	6.0
AEO94	8.2	11.6	9.3
AEO95	8.4	12.0	9.6
AEO96	5.4	8.7	5.3
AEO97	3.4	6.2	3.8
AEO98	0.5	2.4	2.5
AEO99	3.5	0.7	4.6
AEO2000	1.4	0.2	4.0
AEO2001		0.6	4.8
AEO2002			2.6
AEO2003			

Average
Absolute
Percent Error
(Across
AEOs)