

Annual Energy Outlook 2006 with Projections to 2030

Release Date: December 2005

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**Table 15. Coal Supply, Disposition, and Prices
(million short tons, unless otherwise noted)**

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Production 1/										
Appalachia	388	403	397	402	418	416	421	426	414	413
Interior	146	146	155	153	165	174	181	190	192	195
West	549	575	593	611	620	633	651	645	660	669
East of the Mississippi	481	497	499	503	531	536	543	559	549	551
West of the Mississippi	603	627	646	662	673	687	709	702	717	726
Total	1083	1125	1145	1166	1204	1223	1252	1261	1266	1277
Net Imports										
Imports	25	27	33	36	18	21	19	15	17	21
Exports	43	48	50	51	48	46	45	41	37	33
Total	-18	-21	-17	-16	-30	-25	-26	-26	-20	-12
Total Supply 2/	1065	1104	1128	1150	1174	1198	1226	1235	1246	1265
Consumption by Sector										
Residential and Commercial	4	4	4	4	4	4	4	4	4	4
Coke Plants	24	24	24	23	23	23	23	23	23	22
Other Industrial 3/	61	61	64	65	66	66	66	66	66	66
Coal-to-Liquids Heat and Power	0	0	0	0	0	0	0	0	3	6
Coal-to-Liquids Liquids Production	0	0	0	0	0	0	0	0	3	5
Electric Power	1005	1015	1051	1058	1078	1103	1131	1140	1146	1160
Total Coal Use	1095	1104	1144	1150	1172	1196	1224	1233	1245	1264
Discrepancy and Stock Change 5/	-30	0	-16	0	2	2	2	2	2	2
Average Minemouth Price										
(2004 dollars per short ton)	18.40	20.07	21.20	21.46	21.81	21.87	21.80	22.23	21.46	21.19
(2004 dollars per million Btu)	0.89	0.98	1.04	1.05	1.07	1.07	1.07	1.09	1.05	1.04
Delivered Prices										
(2004 dollars per short ton) 6/										
Coke Plants	51.96	61.50	63.01	64.85	65.08	65.24	65.63	64.63	63.59	62.53
Other Industrial 3/	36.22	39.53	38.31	39.16	39.70	39.61	39.77	39.99	39.55	39.21
Coal to Liquids	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.55	12.56
Electric Power										
(2004 dollars per short ton)	26.99	27.43	29.92	30.58	30.33	29.97	29.42	29.74	29.06	28.83
(2004 dollars per million Btu)	1.33	1.36	1.50	1.53	1.51	1.50	1.47	1.48	1.45	1.44
Average	28.06	28.81	31.05	31.74	31.51	31.15	30.62	30.90	30.14	29.81
Exports 7/	40.85	54.11	50.68	52.76	53.72	54.46	55.44	54.45	52.79	51.25

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	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Production 1/										
Appalachia	404	396	389	383	382	377	376	379	377	377
Interior	197	201	209	216	219	211	214	219	219	227
West	675	677	674	683	694	711	721	758	792	821
East of the Mississippi	545	542	538	534	538	532	532	542	541	544
West of the Mississippi	731	732	734	747	757	767	778	813	847	881
Total	1277	1274	1272	1281	1294	1299	1311	1355	1388	1425
Net Imports										
Imports	22	24	27	30	35	48	56	55	64	72
Exports	29	25	22	20	19	18	18	19	19	19
Total	-7	-1	5	10	15	30	38	36	45	53
Total Supply 2/	1270	1273	1277	1291	1310	1329	1349	1391	1433	1478
Consumption by Sector										
Residential and Commercial	4	4	4	4	4	4	4	4	4	4
Coke Plants	22	22	22	22	22	22	22	22	21	21
Other Industrial 3/	66	66	66	66	66	66	66	66	66	66
Coal-to-Liquids Heat and Power	8	10	11	12	15	17	19	31	43	54
Coal-to-Liquids Liquids Production	8	9	11	12	14	16	19	31	42	53
Electric Power	1159	1160	1161	1173	1187	1202	1217	1235	1254	1277
Total Coal Use	1268	1272	1276	1290	1308	1327	1347	1390	1432	1476
Discrepancy and Stock Change 5/	2	2	1	2	1	1	1	1	1	1
Average Minemouth Price										
(2004 dollars per short ton)	20.84	20.48	20.39	20.27	20.21	20.19	20.17	20.20	20.09	20.13
(2004 dollars per million Btu)	1.03	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delivered Prices										
(2004 dollars per short ton) 6/										
Coke Plants	61.36	60.59	60.06	59.78	59.96	60.07	60.62	61.12	61.64	62.06
Other Industrial 3/	39.00	38.54	38.48	38.57	38.56	38.54	38.54	38.76	38.86	39.05
Coal to Liquids	12.80	12.68	12.74	12.80	12.96	12.95	13.03	16.28	17.91	18.64
Electric Power										
(2004 dollars per short ton)	28.59	28.28	28.12	27.96	27.80	27.91	27.86	28.07	28.13	28.25
(2004 dollars per million Btu)	1.43	1.41	1.40	1.40	1.39	1.39	1.39	1.39	1.40	1.40
Average	29.47	29.11	28.93	28.74	28.54	28.58	28.48	28.55	28.49	28.50
Exports 7/	49.70	48.16	46.68	45.96	46.04	46.89	47.35	47.86	48.28	48.57

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(million short tons, unless otherwise noted)

	2023	2024	2025	2026	2027	2028	2029	2030	2004-2030
Production 1/									
Appalachia	379	386	391	395	398	403	407	412	0.1%
Interior	231	231	236	244	253	267	277	281	2.5%
West	847	878	904	931	959	977	997	1010	2.2%
East of the Mississippi	552	562	570	583	593	610	622	633	0.9%
West of the Mississippi	905	934	960	989	1017	1037	1059	1070	2.1%
Total	1457	1495	1530	1571	1609	1647	1682	1703	1.6%
Net Imports									
Imports	77	80	82	81	85	89	96	99	5.1%
Exports	19	19	20	19	19	18	17	17	-4.0%
Total	58	61	63	62	66	71	79	83	N/A
Total Supply 2/	1515	1556	1593	1633	1675	1718	1761	1785	1.9%
Consumption by Sector									
Residential and Commercial	4	4	4	4	4	4	4	4	0.0%
Coke Plants	21	21	21	21	21	21	21	21	-0.4%
Other Industrial 3/	66	67	67	67	67	67	67	67	0.4%
Coal-to-Liquids Heat and Power	62	69	74	81	86	91	96	96	N/A
Coal-to-Liquids Liquids Production	60	67	72	79	84	88	94	94	N/A
Electric Power	1300	1327	1354	1380	1412	1445	1477	1502	1.5%
Total Coal Use	1514	1555	1592	1633	1674	1717	1759	1784	1.9%
Discrepancy and Stock Change 5/	1	1	1	1	1	1	1	1	N/A
Average Minemouth Price									
(2004 dollars per short ton)	20.27	20.45	20.63	20.85	21.02	21.35	21.53	21.73	0.3%
(2004 dollars per million Btu)	1.01	1.02	1.03	1.04	1.05	1.07	1.08	1.09	0.4%
Delivered Prices									
(2004 dollars per short ton) 6/									
Coke Plants	62.12	62.37	62.64	62.86	62.89	62.73	62.55	62.67	0.1%
Other Industrial 3/	39.26	39.56	39.83	40.08	40.30	40.60	40.85	41.05	0.1%
Coal to Liquids	19.11	19.65	20.07	20.42	20.63	20.71	20.97	21.06	N/A
Electric Power									
(2004 dollars per short ton)	28.50	28.80	29.02	29.40	29.72	30.09	30.35	30.58	0.4%
(2004 dollars per million Btu)	1.41	1.43	1.44	1.46	1.47	1.49	1.50	1.51	0.4%
Average	28.66	28.88	29.06	29.35	29.60	29.87	30.08	30.30	0.2%
Exports 7/	48.57	48.76	48.94	48.75	48.39	47.86	46.82	46.91	-0.5%

Table 15. Coal Supply, Disposition, and Prices
(million short tons, unless otherwise noted)

1/ Includes anthracite, bituminous coal, lignite, and waste coal delivered to independent power producers. Waste coal deliveries totaled 11.6 million tons in 2003 and 12.5 million tons in 2004.

2/ Production plus net imports plus net storage withdrawals.

3/ Includes consumption for combined heat and power plants, except those plants whose primary business is to sell electricity, or electricity and heat, to the public. Excludes all coal use in the coal to liquids process.

4/ Includes all electricity-only and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public.

5/ Balancing item: the sum of production, net imports, and net storage withdrawals minus total consumption.

6/ Prices weighted by consumption tonnage less imports; weighted average excludes residential/ commercial prices, import prices, and export free-alongside-ship (f.a.s.) prices.

7/ F.a.s. price at U.S. port of exit.

N/A = Not applicable.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding. Data for 2003 and 2004 are model results and may differ slightly from official EIA data reports.

Sources: 2003 and 2004 data based on: Energy Information Administration (EIA), Annual Coal Report 2004, DOE/EIA-0584(2004) (Washington, DC, November 2005); EIA, Quarterly Coal Report, October-December 2004, DOE/EIA-0121(2004/4Q) (Washington, DC, March 2005); and EIA, AEO2006 National Energy Modeling System run aeo2006.d111905a. Projections: EIA, AEO2006 National Energy Modeling System run aeo2006.d111905a.