

Chapter 3. Fossil-Fuel Stocks for Electricity Generation

Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 1998 through April 2012

Period	Electric Power Sector			Electric Utilities			Independent Power Producers		
	Coal (Thousand Tons) ¹	Petroleum Liquids (Thousand Barrels) ²	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons) ¹	Petroleum Liquids (Thousand Barrels) ²	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)
1998.....	120,501	53,794	559	120,501	53,794	559	--	--	--
1999.....	141,604	52,251	372	129,041	44,392	355	12,563	7,859	16
2000.....	102,296	39,875	211	90,115	29,570	186	12,180	10,306	25
2001.....	138,496	55,080	390	117,147	35,807	300	21,349	19,273	90
2002.....	141,714	43,935	1,711	116,952	29,601	328	24,761	14,334	1,383
2003.....	121,567	45,752	1,484	97,831	28,062	378	23,736	17,691	1,105
2004.....	106,669	46,750	937	84,917	29,144	627	21,751	17,607	309
2005.....	101,137	47,414	530	77,457	29,532	374	23,680	17,882	156
2006.....	140,964	48,216	674	110,277	29,799	456	30,688	18,416	217
2007.....	151,221	44,433	554	120,504	28,032	253	30,717	16,401	301
2008.....	161,589	40,804	739	127,463	26,108	468	34,126	14,696	270
2009.....	189,467	39,210	1,394	154,815	25,811	1,194	34,652	13,399	201
2010									
January.....	178,091	37,426	1,406	146,174	24,732	1,178	31,917	12,693	228
February.....	171,026	38,163	1,280	140,533	25,561	1,045	30,493	12,602	235
March.....	177,742	38,137	1,240	145,182	25,578	983	32,559	12,558	258
April.....	189,260	37,875	1,243	152,253	25,360	1,022	37,007	12,516	221
May.....	191,669	37,355	1,188	153,295	25,019	986	38,374	12,336	202
June.....	181,490	36,623	1,117	146,130	24,305	943	35,359	12,318	174
July.....	169,504	35,627	1,046	138,240	23,858	907	31,265	11,769	139
August.....	159,987	35,317	1,112	131,072	23,887	976	28,915	11,430	136
September.....	163,776	36,208	1,158	133,943	24,857	1,017	29,833	11,350	141
October.....	175,686	36,857	1,197	143,363	25,309	1,006	32,323	11,548	191
November.....	183,389	36,926	1,098	149,066	25,660	894	34,323	11,266	204
December.....	174,917	35,706	1,019	143,744	24,798	850	31,173	10,908	168
2011									
January.....	164,840	35,117	801	134,008	24,560	657	30,832	10,557	144
February.....	161,439	34,664	707	131,081	24,370	594	30,358	10,294	113
March.....	166,737	34,329	489	134,394	24,265	437	32,344	10,064	53
April.....	173,999	33,941	522	139,965	24,082	463	34,033	9,859	59
May.....	174,619	33,877	548	139,331	24,104	490	35,288	9,773	58
June.....	165,707	35,699	491	132,882	25,872	433	32,825	9,827	58
July.....	147,967	35,202	462	119,631	25,544	411	28,336	9,658	50
August.....	139,225	34,968	435	112,793	25,294	379	26,432	9,674	56
September.....	144,438	34,938	389	117,648	25,232	333	26,790	9,706	57
October.....	156,906	35,537	413	127,522	25,639	347	29,384	9,898	66
November.....	168,354	35,657	453	136,123	25,839	391	32,231	9,818	62
December.....	175,100	35,260	470	141,244	25,646	404	33,856	9,614	66
2012									
January.....	181,621	35,145	394	145,676	25,661	324	35,945	9,483	70
February.....	186,958	34,963	357	151,380	25,486	293	35,578	9,477	64
March.....	196,391	35,046	405	158,066	25,644	351	38,325	9,403	54
April.....	203,394	34,855	368	164,070	25,552	332	39,324	9,303	36

¹ Anthracite, bituminous, subbituminous, coal synfuel, and lignite; excludes waste coal.

² Distillate fuel oil, residual fuel oil, jet fuel, and kerosene. Data prior to 2004 includes small quantities of waste oil.

Notes: • See Glossary for definitions. • Prior to 2008, values represent December end-of-month stocks. For 2008 forward, values represent end-of-month stocks. • Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-906, "Power Plant Report;" U.S. Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 3.2. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by State, April 2012

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	Apr 2012	Apr 2011	Percent Change	Apr 2012	Apr 2011	Percent Change	Apr 2012	Apr 2011	Percent Change
New England	1,437	852	68.5	2,726	2,806	-2.9	--	--	--
Connecticut, Maine, New Hampshire, Rhode Island, Vermont ¹	643	339	89.4	1,613	1,725	-6.5	--	--	--
Massachusetts.....	794	513	54.8	1,113	1,081	3.0	--	--	--
Middle Atlantic	9,412	7,668	22.7	6,425	6,905	-6.9	W	W	W
New Jersey.....	866	619	39.9	1,085	1,149	-5.6	--	--	--
New York.....	816	894	-8.6	4,209	4,448	-5.4	--	--	--
Pennsylvania.....	7,730	6,156	25.6	1,131	1,308	-13.6	W	W	W
East North Central	41,187	36,313	13.4	1,712	1,971	-13.2	W	26	W
Illinois.....	8,917	8,196	8.8	133	164	-19.0	--	--	--
Indiana.....	10,581	9,400	12.6	120	108	11.3	--	--	--
Michigan.....	5,938	5,152	15.3	784	1,003	-21.8	W	W	W
Ohio.....	8,714	7,360	18.4	412	405	1.8	--	--	--
Wisconsin.....	7,036	6,206	13.4	262	291	-9.8	W	W	W
West North Central	32,078	27,385	17.1	1,303	1,418	-8.1	--	W	W
Iowa.....	8,285	6,074	36.4	158	168	-5.7	--	W	W
Kansas.....	4,838	4,298	12.6	294	370	-20.6	--	W	W
Minnesota.....	2,968	2,713	9.4	194	219	-11.8	--	--	--
Missouri.....	10,109	8,833	14.4	318	306	4.2	--	--	--
Nebraska.....	3,850	3,835	.4	202	218	-7.0	--	--	--
North Dakota, South Dakota ¹	2,029	1,632	24.3	137	137	-.2	--	--	--
South Atlantic	44,043	33,202	32.7	14,196	12,202	16.3	W	W	W
Delaware, District of Columbia, Maryland ¹	2,592	1,634	58.6	1,250	1,406	-11.1	--	--	--
Florida.....	6,784	5,524	22.8	7,680	5,909	30.0	W	W	W
Georgia.....	9,641	6,767	42.5	938	858	9.2	--	--	--
North Carolina.....	7,679	5,494	39.8	1,048	947	10.7	--	--	--
South Carolina.....	7,502	6,744	11.2	596	583	2.3	W	W	W
Virginia.....	2,285	1,600	42.8	2,554	2,360	8.2	--	--	--
West Virginia.....	7,559	5,439	39.0	131	139	-6.2	W	W	W
East South Central	20,797	18,749	10.9	1,976	2,186	-9.6	W	W	W
Alabama.....	6,449	5,681	13.5	304	286	6.0	--	--	--
Kentucky.....	8,924	8,139	9.7	278	265	4.9	W	W	W
Mississippi.....	1,826	1,201	52.1	558	778	-28.3	--	--	--
Tennessee.....	3,597	3,729	-3.5	837	857	-2.4	--	--	--
West South Central	30,761	28,015	9.8	2,486	2,937	-15.3	W	W	W
Arkansas.....	4,359	3,686	18.3	162	164	-1.4	--	--	--
Louisiana.....	4,143	2,138	93.8	668	871	-23.4	W	W	W
Oklahoma.....	5,091	5,613	-9.3	194	214	-9.4	--	--	--
Texas.....	17,167	16,578	3.6	1,463	1,687	-13.3	W	W	W
Mountain	20,872	19,522	6.9	700	686	2.0	W	W	W
Arizona.....	3,889	3,378	15.1	222	231	-3.8	--	--	--
Colorado.....	4,440	4,102	8.2	151	129	16.9	--	--	--
Idaho.....	--	--	--	W	W	W	--	--	--
Montana, New Mexico ¹	W	W	W	55	64	-13.7	W	W	W
Nevada.....	W	W	W	180	181	-.5	--	--	--
Utah.....	4,345	4,891	-11.2	48	W	W	--	--	--
Wyoming.....	4,615	3,759	22.8	W	42	W	--	--	--
Pacific ²	W	W	W	3,330	2,830	17.7	W	2	W
California, Oregon, Washington, Hawaii, Alaska ¹	W	W	W	3,330	2,830	17.7	W	2	W
U.S. Total	203,394	173,999	16.9	34,855	33,941	2.7	368	522	-29.4

¹ States' data are aggregated in order to protect confidentiality.

² Pacific Contiguous and Pacific Non-Contiguous were aggregated to Pacific to protect Census Division proprietary information.

W = Withheld to avoid disclosure of individual company data.

Notes: • See Glossary for definitions. • Values are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923. • Totals may not equal sum of components because of independent rounding. • Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 3.3. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by Census Division, April 2012

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Apr 2012	Apr 2011	Percent Change	Apr 2012	Apr 2011	Apr 2012	Apr 2011
Coal (thousand tons)							
New England.....	1,437	852	68.5	W	W	W	W
Middle Atlantic.....	9,412	7,668	22.7	W	--	W	7,668
East North Central.....	41,187	36,313	13.4	31,442	27,297	9,746	9,017
West North Central.....	32,078	27,385	17.1	32,078	27,385	--	--
South Atlantic.....	44,043	33,202	32.7	39,042	29,613	5,001	3,589
East South Central.....	20,797	18,749	10.9	20,797	18,749	--	--
West South Central.....	30,761	28,015	9.8	19,293	17,250	11,468	10,765
Mountain.....	20,872	19,522	6.9	19,620	18,614	1,252	908
Pacific Contiguous.....	W	W	W	W	W	W	W
Pacific Noncontiguous.....	W	W	W	W	W	W	W
U.S. Total.....	203,394	173,999	16.9	164,070	139,965	39,324	34,033
Petroleum Liquids (thousand barrels)							
New England.....	2,726	2,806	-2.9	635	753	2,091	2,054
Middle Atlantic.....	6,425	6,905	-6.9	2,718	2,873	3,707	4,031
East North Central.....	1,712	1,971	-13.2	1,418	1,639	294	332
West North Central.....	1,303	1,418	-8.1	1,268	1,379	36	39
South Atlantic.....	14,196	12,202	16.3	11,822	9,677	2,374	2,526
East South Central.....	1,976	2,186	-9.6	W	W	W	W
West South Central.....	2,486	2,937	-15.3	1,880	2,299	606	638
Mountain.....	700	686	2.0	628	626	72	60
Pacific Contiguous.....	403	414	-2.8	337	W	66	W
Pacific Noncontiguous.....	2,928	2,416	21.2	W	W	W	W
U.S. Total.....	34,855	33,941	2.7	25,552	24,082	9,303	9,859
Petroleum Coke (thousand tons)							
New England.....	--	--	--	--	--	--	--
Middle Atlantic.....	W	W	W	--	--	W	W
East North Central.....	W	26	W	W	W	W	W
West North Central.....	--	W	W	--	W	--	--
South Atlantic.....	W	W	W	W	W	W	W
East South Central.....	W	W	W	W	W	--	--
West South Central.....	W	W	W	W	W	W	W
Mountain.....	W	W	W	--	--	W	W
Pacific Contiguous.....	W	2	W	--	--	W	2
Pacific Noncontiguous.....	--	--	--	--	--	--	--
U.S. Total.....	368	522	-29.4	332	463	36	59

W = Withheld to avoid disclosure of individual company data.

Notes: • See Glossary for definitions. • Values are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923. • Totals may not equal sum of components because of independent rounding. • Percentage difference is calculated before rounding.

Source: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 3.4. Stocks of Coal by Coal Rank, 1998 through April 2012

Period	Electric Power Sector (Thousand Tons)			Total
	Bituminous Coal ¹	Sub-Bituminous Coal	Lignite Coal	
1998	NA	NA	NA	120,501
1999	NA	NA	NA	141,604
2000	NA	NA	NA	102,296
2001	NA	NA	NA	138,496
2002	70,704	66,593	4,417	141,714
2003	57,716	59,884	3,967	121,567
2004	49,022	53,618	4,029	106,669
2005	52,923	44,377	3,836	101,137
2006	67,760	68,408	4,797	140,964
2007	63,964	82,692	4,565	151,221
2008	65,818	91,214	4,556	161,589
2009	91,922	92,448	5,097	189,467
2010				
January	86,354	86,893	4,845	178,091
February	82,469	83,721	4,836	171,026
March	86,698	86,014	5,030	177,742
April	92,621	89,545	7,095	189,260
May	93,069	91,514	7,085	191,669
June	87,123	87,299	7,068	181,490
July	80,465	81,933	7,107	169,504
August	76,303	77,081	6,604	159,987
September	78,201	78,906	6,669	163,776
October	84,103	84,992	6,592	175,686
November	87,548	88,880	6,961	183,389
December	81,108	86,915	6,894	174,917
2011				
January	76,283	82,187	6,370	164,840
February	75,717	79,301	6,422	161,439
March	77,599	82,627	6,512	166,737
April	79,922	87,290	6,787	173,999
May	79,272	88,600	6,746	174,619
June	75,013	84,127	6,567	165,707
July	66,554	75,142	6,271	147,967
August	64,562	68,447	6,215	139,225
September	66,674	71,576	6,187	144,438
October	74,046	76,650	6,210	156,906
November	79,578	82,038	6,738	168,354
December	82,272	86,092	6,736	175,100
2012				
January	83,798	91,286	6,536	181,621
February	87,557	94,665	4,737	186,958
March	90,278	99,884	6,230	196,391
April	94,268	104,125	5,002	203,394

¹ Includes bituminous, anthracite, and coal symfuel.

NA = Not available.

Notes: • See Glossary for definitions. • Data excludes all waste coal. • Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. • Totals may not equal sum of components because of independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-906, "Power Plant Report;" U.S. Energy Information Administration, Form EIA-920 "Combined Heat and Power Plant Report," and predecessor forms. Beginning with 2008 data, the Form EIA-923, "Power Plant Operations Report," replaced the following: Form EIA-906, "Power Plant Report;" Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."