

Chapter 3. Fossil-Fuel Stocks for Electricity Generation

Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 1995 through August 2009

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)
1995.....	126,304	50,495	65	126,304	50,495	65	--	--	--
1996.....	114,623	47,690	91	114,623	47,690	91	--	--	--
1997.....	98,826	48,792	469	98,826	48,792	469	--	--	--
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									
January.....	136,377	45,849	699	106,678	28,662	493	29,698	17,187	207
February.....	133,468	41,930	723	104,981	26,688	493	28,487	15,243	230
March.....	141,389	41,301	636	111,606	26,837	410	29,783	14,463	226
April.....	149,657	42,045	669	118,653	26,969	440	31,005	15,076	229
May.....	154,735	44,183	660	122,279	28,315	411	32,457	15,868	249
June.....	154,812	44,732	543	122,994	29,139	310	31,818	15,593	232
July.....	145,450	44,347	631	116,645	28,047	355	28,806	16,300	276
August.....	140,668	43,276	562	113,295	27,244	292	27,372	16,032	270
September.....	142,666	44,345	543	114,052	28,181	281	28,614	16,164	262
October.....	150,075	43,250	545	119,015	26,802	251	31,060	16,448	294
November.....	154,292	44,718	612	122,160	28,157	309	32,132	16,561	303
December.....	151,221	44,433	554	120,504	28,032	253	30,717	16,401	301
2008									
January.....	146,966	44,867	654	116,127	28,024	326	30,839	16,843	328
February.....	143,309	43,864	571	113,847	27,756	289	29,461	16,108	282
March.....	147,002	43,561	668	117,676	27,606	331	29,326	15,955	337
April.....	154,409	44,803	731	122,379	28,546	368	32,030	16,257	363
May.....	159,926	43,989	767	124,894	28,059	408	35,031	15,930	359
June.....	153,915	44,778	730	120,822	29,186	359	33,093	15,592	372
July.....	144,231	44,006	789	114,036	28,940	381	30,196	15,066	408
August.....	141,405	43,690	732	111,203	28,843	385	30,202	14,847	347
September.....	145,835	42,640	710	114,488	28,201	402	31,347	14,440	308
October.....	157,334	42,935	698	123,909	27,746	435	33,425	15,189	263
November.....	165,654	42,891	803	130,823	27,453	496	34,831	15,438	307
December.....	163,056	42,737	794	128,382	27,230	478	34,673	15,508	316
2009									
January.....	158,358	42,202	805	124,647	27,366	496	33,711	14,836	308
February.....	162,799	42,482	787	127,173	27,440	520	35,626	15,041	267
March.....	176,639	42,984	766	137,688	27,404	541	38,951	15,581	225
April.....	188,618	43,597	749	148,344	27,276	536	40,274	16,321	213
May.....	197,972	43,544	833	155,772	27,459	653	42,200	16,084	180
June.....	198,215	43,733	801	156,118	27,536	651	42,096	16,197	150
July.....	196,052	43,461	767	155,212	27,443	585	40,840	16,017	183
August.....	194,145	42,972	929	154,619	27,248	661	39,526	15,724	268

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 2006, values represent December end-of-month stocks. For 2006 forward, values represent end-of-month stocks. • Values for 2007 and prior years are final. Values for 2008 and 2009 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: Energy Information Administration, Form EIA-906, "Power Plant Report;" 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, August 2009

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	Aug 2009	Aug 2008	Percent Change	Aug 2009	Aug 2008	Percent Change	Aug 2009	Aug 2008	Percent Change
New England	1,617	1,046	54.7	4,663	4,125	13.0	--	--	--
Connecticut, Maine, New Hampshire, Rhode Island, Vermont ¹	669	399	67.9	2,552	2,368	7.8	--	--	--
Massachusetts.....	948	647	46.5	2,110	1,757	20.1	--	--	--
Middle Atlantic	7,321	6,150	19.0	10,134	9,493	6.7	81	14	487.5
New Jersey.....	787	577	36.5	1,618	1,384	16.9	--	--	--
New York.....	1,060	751	41.2	6,270	6,283	-2	W	W	W
Pennsylvania.....	5,473	4,823	13.5	2,246	1,827	23.0	W	W	W
East North Central	43,092	32,291	33.4	2,183	2,441	-10.6	105	85	24.1
Illinois.....	10,043	7,722	30.0	308	375	-18.0	--	--	--
Indiana.....	11,396	7,490	52.1	130	222	-41.7	W	--	--
Michigan.....	7,135	6,733	6.0	943	1,033	-8.7	W	W	W
Ohio.....	9,244	6,104	51.4	454	429	5.8	--	--	--
Wisconsin.....	5,275	4,241	24.4	349	382	-8.7	W	W	W
West North Central	30,074	26,789	12.3	1,544	1,801	-14.3	W	W	W
Iowa.....	6,941	5,734	21.0	166	182	-8.5	W	W	W
Kansas.....	4,252	4,316	-1.5	375	657	-43.0	W	W	W
Minnesota.....	3,382	3,059	10.6	271	288	-6.0	--	W	W
Missouri.....	9,688	8,003	21.0	303	320	-5.1	W	--	--
Nebraska.....	3,831	3,696	3.7	260	217	19.6	--	--	--
North Dakota, South Dakota ¹	1,979	1,980	.0	169	137	23.5	--	--	--
South Atlantic	39,453	20,592	91.6	14,261	16,423	-13.2	157	286	-45.1
Delaware, District of Columbia, Maryland ¹	2,208	1,452	52.0	1,876	2,134	-12.1	--	--	--
Florida.....	6,490	3,703	75.3	6,886	8,865	-22.3	W	W	W
Georgia.....	8,861	5,972	48.4	908	964	-5.8	--	--	--
North Carolina.....	6,671	3,229	106.6	1,023	1,047	-2.3	--	--	--
South Carolina.....	4,740	2,199	115.5	852	848	.5	W	W	W
Virginia.....	2,498	1,510	65.5	2,545	2,406	5.8	--	--	--
West Virginia.....	7,986	2,528	216.0	171	159	8.1	--	--	--
East South Central	19,295	12,371	56.0	2,262	2,198	2.9	150	W	W
Alabama.....	6,005	3,551	69.1	320	282	13.7	--	--	--
Kentucky.....	7,990	5,088	57.0	290	279	4.0	150	W	W
Mississippi.....	1,697	942	80.1	895	929	-3.6	--	--	--
Tennessee.....	3,603	2,790	29.1	756	708	6.8	--	--	--
West South Central	29,133	23,753	22.6	3,646	3,150	15.7	W	W	W
Arkansas.....	2,104	2,308	-8.8	211	195	8.3	--	--	--
Louisiana.....	4,205	2,247	87.1	1,250	1,383	-9.6	W	W	W
Oklahoma.....	5,222	4,672	11.8	233	222	5.1	--	--	--
Texas.....	17,601	14,525	21.2	1,951	1,350	44.5	W	W	W
Mountain	21,699	15,807	37.3	820	828	-9	W	W	W
Arizona.....	4,450	2,802	58.8	298	325	-8.2	--	--	--
Colorado.....	4,436	2,614	69.7	146	146	.2	--	--	--
Idaho.....	--	--	--	W	W	W	--	--	--
Montana, New Mexico ¹	2,079	1,613	28.9	98	87	13.1	W	W	W
Nevada.....	958	1,090	-12.1	181	182	-4	--	--	--
Utah.....	5,895	4,042	45.9	57	55	3.8	--	--	--
Wyoming.....	3,881	3,646	6.5	W	W	W	--	--	--
Pacific ²	2,461	W	W	3,459	3,230	7.1	45	38	16.5
California, Oregon, Washington, Hawaii, Alaska ¹	2,461	W	W	3,459	3,230	7.1	45	38	W
U.S. Total	194,145	141,405	37.3	42,972	43,690	-1.6	929	732	26.9

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 for 2008 and 2009 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Source: 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, August 2009

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	Aug 2009	Aug 2008	Percent Change	Aug 2009	Aug 2008	Aug 2009	Aug 2008
Coal (thousand tons)							
New England.....	1,617	1,046	54.7	W	W	W	W
Middle Atlantic.....	7,321	6,150	19.0	--	--	7,321	6,150
East North Central.....	43,092	32,291	33.4	31,314	22,322	11,778	9,969
West North Central.....	30,074	26,789	12.3	W	26,789	W	--
South Atlantic.....	39,453	20,592	91.6	35,236	18,446	4,217	2,146
East South Central.....	19,295	12,371	56.0	18,707	11,649	588	722
West South Central.....	29,133	23,753	22.6	17,316	15,874	11,816	7,879
Mountain.....	21,699	15,807	37.3	20,132	14,756	1,567	1,050
Pacific Contiguous.....	2,019	W	W	W	W	W	W
Pacific Noncontiguous.....	442	W	W	W	W	W	W
U.S. Total.....	194,145	141,405	37.3	154,619	111,203	39,526	30,202
Petroleum Liquids (thousand barrels)							
New England.....	4,663	4,125	13.0	1,030	646	3,633	3,479
Middle Atlantic.....	10,134	9,493	6.7	3,239	3,240	6,895	6,254
East North Central.....	2,183	2,441	-10.6	1,833	2,034	350	407
West North Central.....	1,544	1,801	-14.3	1,500	1,761	44	41
South Atlantic.....	14,261	16,423	-13.2	10,920	12,702	3,341	3,720
East South Central.....	2,262	2,198	2.9	2,200	2,125	62	72
West South Central.....	3,646	3,150	15.7	2,837	2,953	809	197
Mountain.....	820	828	-9	750	756	70	72
Pacific Contiguous.....	853	887	-3.9	406	362	447	526
Pacific Noncontiguous.....	2,606	2,342	11.3	2,533	2,263	73	79
U.S. Total.....	42,972	43,690	-1.6	27,248	28,843	15,724	14,847
Petroleum Coke (thousand tons)							
New England.....	--	--	--	--	--	--	--
Middle Atlantic.....	81	14	487.5	--	--	81	14
East North Central.....	105	85	24.1	W	W	W	W
West North Central.....	W	W	W	W	W	--	--
South Atlantic.....	157	286	-45.1	157	286	--	--
East South Central.....	150	W	W	W	--	W	W
West South Central.....	W	W	W	W	W	W	W
Mountain.....	W	W	W	--	--	W	W
Pacific Contiguous.....	45	38	16.5	--	--	45	38
Pacific Noncontiguous.....	--	--	--	--	--	--	--
U.S. Total.....	929	732	26.9	661	385	268	347

W = Withheld to avoid disclosure of individual company data.

Notes: • See Glossary for definitions. • Values for 2008 and 2009 are preliminary. - See Technical Notes for a discussion of the sample design for the Form EIA-923, Form EIA-906 and Form EIA-920. • Totals may not equal sum of components because of independent rounding. • Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report;" and 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 3.4. Stocks of Coal by Coal Rank, 1995 through August 2009

Period	Electric Power Sector (Thousand Tons)			
	Bituminous Coal ¹	Sub-Bituminous Coal	Lignite Coal	Total
1995.....	NA	NA	NA	126,304
1996.....	NA	NA	NA	114,623
1997.....	NA	NA	NA	98,826
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				
January.....	66,904	64,928	4,545	136,377
February.....	64,740	64,066	4,662	133,468
March.....	68,939	67,551	4,898	141,389
April.....	74,285	70,601	4,771	149,657
May.....	75,907	73,772	5,056	154,735
June.....	74,944	74,810	5,058	154,812
July.....	69,565	71,139	4,747	145,450
August.....	66,590	69,434	4,644	140,668
September.....	66,927	70,992	4,746	142,666
October.....	69,016	76,451	4,609	150,075
November.....	68,020	81,878	4,394	154,292
December.....	63,964	82,692	4,565	151,221
2008				
January.....	62,008	80,500	4,457	146,966
February.....	58,822	80,135	4,351	143,309
March.....	59,347	83,315	4,340	147,002
April.....	62,848	87,360	4,201	154,409
May.....	65,622	89,862	4,442	159,926
June.....	63,155	86,190	4,570	153,915
July.....	56,349	83,405	4,477	144,231
August.....	53,812	83,202	4,391	141,405
September.....	54,882	86,715	4,239	145,835
October.....	62,515	90,202	4,617	157,334
November.....	65,838	95,259	4,558	165,654
December.....	64,890	93,559	4,607	163,056
2009				
January.....	62,563	90,838	4,957	158,358
February.....	66,176	91,532	5,092	162,799
March.....	77,090	93,983	5,566	176,639
April.....	84,992	97,806	5,820	188,618
May.....	90,579	101,371	6,022	197,972
June.....	92,170	99,971	6,074	198,215
July.....	90,927	98,977	6,148	196,052
August.....	90,514	97,790	5,841	194,145

¹ Includes bituminous, anthracite, and coal synfuel.

NA = Not available.

Notes: • See Glossary for definitions. • Data excludes all waste coal. • Values for 2007 and prior years are final. Values for 2008 and 2009 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: Energy Information Administration, Form EIA-906, "Power Plant Report;" 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."