



*Independent Statistics & Analysis*  
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Administration

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# Electric Power Monthly

## with Data for June 2012

August 2012



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## Preface

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The Electric Power Monthly (EPM) presents monthly electricity statistics for a wide audience including Congress, Federal and State agencies, the electric power industry, and the general public. The purpose of this publication is to provide energy decision makers with accurate and timely information that may be used in forming various perspectives on electric issues that lie ahead. In order to provide an integrated view of the electric power industry, data in this report have been separated into two major categories: electric power sector and combined heat and power producers. The U.S. Energy Information Administration (EIA) collected the information in this report to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93 275) as amended.

## Background

The Office of Electricity, Renewables & Uranium Statistics, U.S. EIA, U.S. Department of Energy prepares the EPM. This publication provides monthly statistics at the State (lowest level of aggregation), Census Division, and U.S. levels for net generation, fossil fuel consumption and stocks, cost, quantity, and quality of fossil fuels received, electricity retail sales, associated revenue, and average price of electricity sold. In addition, the report contains rolling 12-month totals in the national overviews, as appropriate.

## Data sources

The EPM contains information from the following data sources: Form EIA-923, "Power Plant Operations Report;" Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report;" Form EIA-860, "Annual Electric Generator Report;" Form EIA-860M, "Monthly Update to the Annual Electric Generator Report;" and Form EIA-861, "Annual Electric Power Industry Report." Forms and their instructions may be obtained from: <http://www.eia.gov/survey/#electricity>. A detailed description of these forms and associated algorithms are found in Appendix C, "Technical Notes."

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	June 2012	June 2011	Percent Change	Electric Utilities		Independent Power Producers		June 2012	June 2011	June 2012	June 2011
				June 2012	June 2011	June 2012	June 2011				

Net Generation (thousand megawatthours)

Coal	131,737	158,308	-16.8%	100,198	119,811	30,362	36,866	64	82	1,114	1,549
Petroleum Liquids	1,288	1,399	-7.9%	926	992	311	347	10	8	41	53
Petroleum Coke	589	1,040	-43.3%	321	711	111	226	--	--	157	102
Natural Gas	116,184	91,096	27.5%	48,990	37,952	59,454	46,080	453	368	7,287	6,696
Other Gas	1,079	980	10.1%	155	7	232	275	NM	NM	691	698
Nuclear	65,140	65,270	-0.2%	34,052	34,635	31,088	30,635	--	--	--	--
Hydroelectric Conventional	27,074	32,253	-16.1%	25,133	29,880	1,800	2,217	NM	9	138	147
Other Renewables	18,274	17,435	4.8%	2,377	1,773	13,300	13,118	339	149	2,258	2,394
Wood and Wood-Derived Fuels	2,984	3,243	-8.0%	128	178	724	742	NM	NM	2,131	2,321
Other Biomass	1,657	1,685	-1.7%	125	121	1,144	1,350	316	144	71	71
Geothermal	1,394	1,363	2.3%	92	86	1,301	1,277	--	--	--	--
Solar Thermal and Photovoltaic	500	257	94.7%	68	NM	416	223	15	NM	NM	NM
Wind	11,740	10,887	7.8%	1,963	1,358	9,716	9,526	NM	NM	54	NM
Hydroelectric Pumped Storage	-487	-568	-14.2%	-410	-492	-78	-76	--	--	--	--
Other Energy Sources	912	971	-6.1%	35	27	456	585	163	76	258	282
All Energy Sources	361,790	368,184	-1.7%	211,777	225,296	137,035	130,274	1,034	693	11,944	11,921

Consumption of Fossil Fuels for Electricity Generation

Coal (1000 tons)	71,698	84,072	-14.7%	53,758	62,639	17,547	20,721	22	24	371	688
Petroleum Liquids (1000 barrels)	2,282	2,375	-3.9%	1,713	1,758	509	554	16	9	44	55
Petroleum Coke (1000 tons)	225	388	-41.9%	130	273	46	91	--	--	49	24
Natural Gas (1000 Mcf)	910,473	728,673	24.9%	406,030	326,977	449,550	351,796	3,528	3,077	51,366	46,823

Consumption of Fossil Fuels for Useful Thermal Output

Coal (1000 tons)	1,568	1,807	-13.2%	--	--	209	340	87	99	1,272	1,368
Petroleum Liquids (1000 barrels)	228	278	-17.8%	--	--	89	84	11	13	128	181
Petroleum Coke (1000 tons)	84	87	-3.6%	--	--	6	9	--	--	78	78
Natural Gas (1000 Mcf)	72,889	65,677	11.0%	--	--	28,166	26,223	3,992	3,315	40,732	36,139

Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output

Coal (1000 tons)	73,266	85,880	-14.7%	53,758	62,639	17,756	21,060	110	124	1,643	2,056
Petroleum Liquids (1000 barrels)	2,511	2,653	-5.4%	1,713	1,758	599	638	27	22	172	236
Petroleum Coke (1000 tons)	309	475	-34.9%	130	273	52	101	--	--	128	101
Natural Gas (1000 Mcf)	983,362	794,349	23.8%	406,030	326,977	477,716	378,019	7,519	6,391	92,098	82,962

Fuel Stocks (end-of-month)

Coal (1000 tons)	201,330	167,862	19.9%	159,840	132,882	38,582	32,825	378	372	2,530	1,784
Petroleum Liquids (1000 barrels)	37,512	38,384	-2.3%	25,128	25,872	9,027	9,827	305	289	3,052	2,396
Petroleum Coke (1000 tons)	922	900	2.4%	287	433	59	58	W	--	W	410

Sales, Revenue, and Average Retail Price for June

Sector	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
	June 2012	June 2011	Percent Change	June 2012	June 2011	Percent Change	June 2012	June 2011	Percent Change
Residential	123,317	126,008	-2.1%	14,942	15,181	-1.6%	12.12	12.05	0.6%
Commercial	117,708	117,460	0.2%	12,288	12,630	-2.7%	10.44	10.75	-2.9%
Industrial	83,015	82,775	0.3%	5,766	5,966	-3.3%	6.95	7.21	-3.6%
Transportation	609	637	-4.4%	62	71	-12.3%	10.20	11.12	-8.3%
All Sectors	324,650	326,881	-0.7%	33,059	33,848	-2.3%	10.18	10.35	-1.6%

YTD = Year to Date

NM = Not meaningful due to large relative standard error.

W = Withheld to avoid disclosure of individual company data.

\* = Value is less than half of the smallest unit of measure.

Coal generation and consumption include anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

Coal stocks include anthracite, bituminous, subbituminous, lignite, and coal synfuel; waste coal is excluded.

Note: Values are preliminary.

See technical notes for additional information.

Sources: U.S. Energy Information Administration, Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report.'

..... U.S. Energy Information Administration, Form EIA-923, 'Power Plant Operations Report.'

Table ES1.B. Total Electric Power Industry Summary Statistics, Year-to-Date 2012 and 2011

Net Generation and Consumption of Fuels for January through June											
Fuel	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
	June 2012 YTD	June 2011 YTD	Percent Change	Electric Utilities		Independent Power Producers		June 2012 YTD	June 2011 YTD	June 2012 YTD	June 2011 YTD
				June 2012 YTD	June 2011 YTD	June 2012 YTD	June 2011 YTD				

Net Generation (thousand megawatthours)

Coal	693,122	864,090	-19.8%	526,931	650,171	158,224	204,440	413	526	7,553	8,952
Petroleum Liquids	6,315	8,427	-25.1%	4,827	6,191	1,211	1,867	34	45	243	324
Petroleum Coke	4,299	6,412	-33.0%	2,384	4,210	903	1,552	2	2	1,010	647
Natural Gas	595,206	443,873	34.1%	242,138	176,943	308,677	224,940	2,282	2,181	42,110	39,808
Other Gas	6,396	5,375	19.0%	539	20	1,480	1,464	4	NM	4,372	3,890
Nuclear	381,055	380,028	0.3%	195,312	198,167	185,742	181,861	--	--	--	--
Hydroelectric Conventional	153,846	179,559	-14.3%	140,625	164,779	12,173	13,682	NM	61	1,035	1,037
Other Renewables	112,664	101,529	11.0%	14,704	11,391	83,596	75,947	1,222	849	13,142	13,342
Wood and Wood-Derived Fuels	17,585	18,028	-2.5%	884	970	4,030	4,121	9	10	12,662	12,928
Other Biomass	9,776	9,558	2.3%	710	704	7,529	7,627	1,131	820	407	408
Geothermal	8,424	8,406	0.2%	563	560	7,861	7,846	--	--	--	--
Solar Thermal and Photovoltaic	1,664	843	97.2%	246	129	1,366	706	44	NM	NM	NM
Wind	75,216	64,694	16.3%	12,301	9,028	62,810	55,647	38	16	66	NM
Hydroelectric Pumped Storage	-1,897	-2,477	-23.4%	-1,571	-2,346	-326	-131	--	--	--	--
Other Energy Sources	5,406	5,418	-0.2%	167	132	3,309	3,233	410	423	1,520	1,629
All Energy Sources	1,956,410	1,992,233	-1.8%	1,126,055	1,209,659	754,990	708,855	4,380	4,090	70,985	69,629

Consumption of Fossil Fuels for Electricity Generation

Coal (1000 tons)	377,191	460,405	-18.1%	283,106	341,384	90,879	114,919	134	156	3,071	3,947
Petroleum Liquids (1000 barrels)	10,747	14,272	-24.7%	8,549	10,973	1,868	2,918	47	51	282	330
Petroleum Coke (1000 tons)	1,642	2,386	-31.2%	946	1,625	366	617	*	1	329	144
Natural Gas (1000 Mcf)	4,550,373	3,450,593	31.9%	1,958,112	1,479,582	2,285,106	1,676,090	18,017	18,414	289,138	276,507

Consumption of Fossil Fuels for Useful Thermal Output

Coal (1000 tons)	9,985	11,258	-11.3%	--	--	1,604	2,084	625	720	7,755	8,454
Petroleum Liquids (1000 barrels)	1,294	1,913	-32.4%	--	--	458	518	50	81	787	1,315
Petroleum Coke (1000 tons)	558	596	-6.4%	--	--	58	54	4	4	495	538
Natural Gas (1000 Mcf)	432,435	407,014	6.2%	--	--	163,912	160,169	21,222	21,435	247,301	225,410

Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output

Coal (1000 tons)	387,176	471,663	-17.9%	283,106	341,384	92,483	117,003	760	876	10,827	12,400
Petroleum Liquids (1000 barrels)	12,041	16,185	-25.6%	8,549	10,973	2,326	3,436	97	132	1,069	1,645
Petroleum Coke (1000 tons)	2,200	2,982	-26.2%	946	1,625	425	671	4	4	824	682
Natural Gas (1000 Mcf)	4,982,807	3,857,607	29.2%	1,958,112	1,479,582	2,449,017	1,836,258	39,239	39,850	536,439	501,917

Sales, Revenue, and Average Retail Price for January through June									
Sector	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
	June 2012 YTD	June 2011 YTD	Percent Change	June 2012 YTD	June 2011 YTD	Percent Change	June 2012 YTD	June 2011 YTD	Percent Change
Residential	646,351	688,493	-6.1%	76,183	79,448	-4.1%	11.79	11.54	2.2%
Commercial	634,545	635,079	-0.1%	63,643	64,658	-1.6%	10.03	10.18	-1.5%
Industrial	485,192	477,710	1.6%	31,947	32,218	-0.8%	6.58	6.74	-2.4%
Transportation	3,749	3,869	-3.1%	370	409	-9.5%	9.88	10.58	-6.6%
All Sectors	1,769,836	1,805,151	-2.0%	172,143	176,733	-2.6%	9.73	9.79	-0.6%

YTD = Year to Date

NM = Not meaningful due to large relative standard error.

W = Withheld to avoid disclosure of individual company data.

\* = Value is less than half of the smallest unit of measure.

Coal generation and consumption include anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

Coal stocks include anthracite, bituminous, subbituminous, lignite, and coal synfuel; waste coal is excluded.

Note: Values are preliminary.

See technical notes for additional information.

Sources: U.S. Energy Information Administration, Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report.'

..... U.S. Energy Information Administration, Form EIA-923, 'Power Plant Operations Report.'

Table ES2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units, 2012 and 2011

Total (All Sectors)											
							Year-to-Date				
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost		
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)		
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	
Coal (1000 tons)	67,615	75,686	46.11	47.45	542	587	407,573	460,268	46.90	46.58	
Petroleum Liquids (1000 barrels)	2,428	3,096	132.15	125.01	1,243	1,296	12,236	18,650	134.35	115.43	
Petroleum Coke (1000 tons)	304	403	61.81	73.93	27	38	1,960	2,307	59.88	82.70	
Natural Gas (1000 Mcf)	1,006,488	819,698	3.16	5.13	1,866	1,870	5,112,880	4,014,207	3.17	5.07	

Electric Utilities											
							Year-to-Date				
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost		
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)		
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	
Coal (1000 tons)	48,102	54,550	47.46	47.66	297	322	291,730	327,659	47.71	47.17	
Petroleum Liquids (1000 barrels)	1,686	2,165	135.65	127.28	828	864	8,353	12,746	136.74	116.75	
Petroleum Coke (1000 tons)	148	249	60.29	76.57	5	10	1,039	1,404	59.29	89.52	
Natural Gas (1000 Mcf)	410,178	331,306	3.47	5.38	836	838	1,981,612	1,508,958	3.52	5.34	

Independent Power Producers											
							Year-to-Date				
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost		
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)		
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	
Coal (1000 tons)	17,847	19,273	40.18	44.98	122	140	105,389	121,661	42.77	43.43	
Petroleum Liquids (1000 barrels)	490	585	127.75	122.46	207	223	2,220	3,371	136.42	117.64	
Petroleum Coke (1000 tons)	46	63	45.75	45.97	8	14	265	380	36.41	52.99	
Natural Gas (1000 Mcf)	479,863	381,919	2.97	5.03	586	606	2,454,234	1,854,794	2.97	5.02	

Commercial Sector											
							Year-to-Date				
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost		
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)		
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	
Coal (1000 tons)	110	142	60.77	70.15	18	18	712	831	58.02	61.59	
Petroleum Liquids (1000 barrels)	29	NM	125.26	130.88	84	84	NM	167	132.67	124.44	
Petroleum Coke (1000 tons)	0	NM	0.00	W	0	1	5	NM	W	W	
Natural Gas (1000 Mcf)	NM	NM	NM	5.34	127	117	NM	NM	3.85	5.49	

Industrial Sector											
							Year-to-Date				
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost		
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)		
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	
Coal (1000 tons)	1,556	1,722	71.19	66.55	105	107	9,743	10,116	66.40	64.16	
Petroleum Liquids (1000 barrels)	224	319	116.34	113.78	124	125	NM	2,366	118.66	104.48	
Petroleum Coke (1000 tons)	111	89	70.43	W	14	13	652	517	W	W	
Natural Gas (1000 Mcf)	108,642	99,713	2.77	4.69	317	309	635,628	608,042	2.79	4.53	

NM = Not meaningful due to large relative standard error.

W = Withheld to avoid disclosure of individual company data.

Number of Plants represents the number of plants for which receipts data were collected this month.

.... A plant using more than one fuel may be counted multiple times.

Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel

Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

Notes: Values are preliminary. Mcf = thousand cubic feet.

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

Table ES2.B. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, btus, 2012 and 2011

Total (All Sectors)										
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
Coal	1,308,278	1,487,118	2.38	2.42	542	587	7,918,641	9,016,486	2.41	2.38
Petroleum Liquids	14,560	18,586	22.04	20.83	1,243	1,296	72,991	112,610	22.52	19.12
Petroleum Coke	8,782	11,571	2.14	2.57	27	38	56,209	65,981	2.09	2.89
Natural Gas	1,029,526	836,652	3.08	5.03	1,866	1,870	5,226,873	4,099,036	3.10	4.97
Fossil Fuels	2,362,391	2,353,927	2.81	3.49	2,888	2,914	13,278,688	13,294,112	2.79	3.32

Electric Utilities										
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
Coal	943,306	1,084,836	2.42	2.40	297	322	5,725,652	6,492,774	2.43	2.38
Petroleum Liquids	10,183	13,097	22.46	21.04	828	864	50,049	77,451	22.82	19.21
Petroleum Coke	4,274	7,186	2.09	2.66	5	10	29,953	40,258	2.06	3.12
Natural Gas	418,569	337,272	3.40	5.28	836	838	2,020,692	1,536,017	3.45	5.24
Fossil Fuels	1,377,576	1,442,391	2.87	3.24	1,512	1,525	7,830,320	8,146,501	2.82	3.08

Independent Power Producers										
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
Coal	328,543	361,607	2.18	2.40	122	140	1,970,873	2,286,663	2.29	2.31
Petroleum Liquids	2,894	3,441	21.63	20.82	207	223	13,088	19,942	23.14	19.89
Petroleum Coke	1,337	1,823	1.56	1.60	8	14	7,647	10,912	1.26	1.84
Natural Gas	491,416	390,133	2.90	4.92	586	606	2,512,517	1,895,661	2.90	4.91
Fossil Fuels	824,190	757,004	2.68	3.78	794	817	4,504,125	4,213,177	2.69	3.56

Commercial Sector										
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
Coal	2,332	3,110	2.86	3.21	18	18	14,821	17,758	2.79	2.88
Petroleum Liquids	167	NM	21.56	22.04	84	84	NM	995	22.61	20.92
Petroleum Coke	0	NM	0.00	W	0	1	130	NM	W	W
Natural Gas	NM	NM	NM	5.24	127	117	NM	NM	3.77	5.37
Fossil Fuels	NM	NM	NM	W	175	168	NM	NM	W	W

Industrial Sector										
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
Coal	34,097	37,565	3.25	3.05	105	107	207,294	219,291	3.12	2.96
Petroleum Liquids	1,316	1,886	19.76	19.24	124	125	NM	14,222	20.00	17.38
Petroleum Coke	3,172	2,531	2.46	W	14	13	18,479	14,619	W	W
Natural Gas	111,544	102,349	2.70	4.57	317	309	651,355	624,033	2.72	4.42
Fossil Fuels	150,129	144,331	2.97	W	407	404	886,370	872,165	W	W

NM = Not meaningful due to large relative standard error.

W = Withheld to avoid disclosure of individual company data.

Number of Plants represents the number of plants for which receipts data were collected this month.

.... The total number of fossil fuel plants is not the sum of the figures above it because a plant that receives two or more different fuels is only counted once.

Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel

Petroleum liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

Note: Values are preliminary.

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

Table ES3. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	7	40	NG	CT
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	GT1	90	NG	GT
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	GT2	90	NG	GT
2012	1	56769	Consolidated Edison Development Inc.	IPP	Frenchtown I Solar	NJ	57486	FINJ	3	SUN	PV
2012	1	56356	Erie Wind LLC	IPP	Steel Winds II	NY	57078	1	15	WND	WT
2012	1	6541	Formosa Plastics Corp	Industrial	CFB Power Plant	TX	56708	G2201	143.1	PC	ST
2012	1	57042	Gordon Butte Wind LLC	IPP	Gordon Butte Wind LLC	MT	57748	GBW	9.6	WND	WT
2012	1	11804	Massachusetts Electric Co	Electric Utility	Dorchester Solar Site	MA	57265	1	1	SUN	PV
2012	1	57030	Mesquite Solar 1, LLC	IPP	Mesquite Solar 1	AZ	57707	2	16	SUN	PV
2012	1	12647	Minnesota Power Inc	Electric Utility	Bison I Wind Energy Center	ND	57038	PHS2	42.7	WND	WT
2012	1	57026	NextEra Energy Montezuma Wind II, LLC	IPP	Montezuma Wind II	CA	57701	1	78.2	WND	WT
2012	1	14063	Oklahoma Gas & Electric Co	Electric Utility	Crosroads Wind Farm	OK	57332	1-98	227	WND	WT
2012	1	34691	Ormat Nevada Inc	IPP	Tuscarora Geothermal Power Plant	NV	57451	G9200	9	GEO	BT
2012	1	34691	Ormat Nevada Inc	IPP	Tuscarora Geothermal Power Plant	NV	57451	G9250	9	GEO	BT
2012	1	57093	RE Bruceville LLC	IPP	RE Bruceville 1	CA	57783	BRU1	5	SUN	PV
2012	1	57087	RE Dillard LLC	IPP	RE Dillard 1	CA	57777	DL1	3	SUN	PV
2012	1	57087	RE Dillard LLC	IPP	RE Dillard 2	CA	57779	DIL2	3	SUN	PV
2012	1	57087	RE Dillard LLC	IPP	RE Dillard 3	CA	57781	DIL3	3	SUN	PV
2012	1	57087	RE Dillard LLC	IPP	RE Dillard 4	CA	57806	DIL4	0.4	SUN	PV
2012	1	56753	AgPower Jerome LLC	Electric CHP	Double A Digester	ID	57425	2	1.5	OBG	IC
2012	1	56476	Ameresco	Electric CHP	Savannah River Site Biomass Cogeneration	SC	57138	1	16	WDS	ST
2012	1	40577	American Mun Power-Ohio, Inc	IPP	Fremont Energy Center	OH	55701	CA01	330.5	NG	CA
2012	1	40577	American Mun Power-Ohio, Inc	IPP	Fremont Energy Center	OH	55701	CT01	168.4	NG	CT
2012	1	40577	American Mun Power-Ohio, Inc	IPP	Fremont Energy Center	OH	55701	CT02	168.4	NG	CT
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	4	40	NG	CT
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	43	20	NG	CA
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	5	40	NG	CT
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	53	20	NG	CA
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	6	40	NG	CT
2012	1	57090	RE Kammerer LLC	IPP	RE Kammerer 1	CA	57778	KAM1	5	SUN	PV
2012	1	56909	Record Hill Wind LLC	IPP	Record Hill Wind	ME	57568	RHW	50.6	WND	WT
2012	1	56774	S Montana Elec Gen and Trans Coop Inc	IPP	Highwood Generating Station	MT	57480	GTG1	40.5	NG	GT
2012	1	2770	Terra-Gen Operating Co LLC	IPP	Alta Wind VIII	CA	57835	AW08	150	WND	WT
2012	1	24211	Tucson Electric Power Co	Electric Utility	UASTP II	AZ	57717	UATP2	2.8	SUN	PV
2012	1	19391	UGI Development Co	IPP	Crayola Solar Project	PA	57216	3	0.8	SUN	PV
2012	1	56977	Zotos International	Industrial	Zotos International WPGF	NY	57648	WT1	1.7	WND	WT
2012	1	56977	Zotos International	Industrial	Zotos International WPGF	NY	57648	WT2	1.7	WND	WT
2012	2	19740	AES Wind Generation Inc	IPP	Mountain View IV	CA	57459	1	49	WND	WT
2012	2	56753	AgPower Jerome LLC	Electric CHP	Double A Digester	ID	57425	3	1.5	OBG	IC
2012	2	599	Anchorage Municipal Light and Power	Electric Utility	Anchorage 1	AK	75	P1 BS	2	DFO	IC
2012	2	803	Arizona Public Service Co	Electric Utility	Hyder Solar	AZ	57563	PV2	5	SUN	PV
2012	2	56865	Caithness Shepherds Flat LLC	IPP	North Hurlburt Wind LLC	OR	57526	NORTH	265	WND	WT
2012	2	57258	Concord Energy LLC	IPP	Concord Energy	NC	57896	UNT1	3.9	LFG	GT
2012	2	57258	Concord Energy LLC	IPP	Concord Energy	NC	57896	UNT2	3.9	LFG	GT
2012	2	57017	DOE National Renewable Energy Laboratory	Commercial	DOE Golden NREL Main Campus	CO	57694	RSF2	0.4	SUN	PV
2012	2	56627	DeWind Co.	IPP	DeWind Frisco	TX	57517	FRISC	20	WND	WT
2012	2	57104	Golden Springs Development Company LLC	IPP	Golden Springs Building C-1	CA	57796	1	1.2	SUN	PV
2012	2	9205	Illinois Electrical Gen Partn	IPP	Morris Genco LLC	IL	55774	MO4	1	LFG	IC
2012	2	9205	Illinois Electrical Gen Partn	IPP	Morris Genco LLC	IL	55774	MO5	1	LFG	IC
2012	2	57214	LCEC Generation LLC	IPP	LCEC Generation LLVC	NM	57872	UNIT1	8.7	NG	IC
2012	2	57214	LCEC Generation LLC	IPP	LCEC Generation LLVC	NM	57872	UNIT2	8.7	NG	IC
2012	2	57214	LCEC Generation LLC	IPP	LCEC Generation LLVC	NM	57872	UNIT3	8.7	NG	IC
2012	2	57214	LCEC Generation LLC	IPP	LCEC Generation LLVC	NM	57872	UNIT4	8.7	NG	IC
2012	2	57214	LCEC Generation LLC	IPP	LCEC Generation LLVC	NM	57872	UNIT5	8.7	NG	IC

Table ES3. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	7	40	NG	CT
2012	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	5A	122	WAT	HY
2012	2	15500	Puget Sound Energy Inc	Electric Utility	Lower Snake River Wind Energy Project	WA	57195	LSR 1	342	WND	WT
2012	2	3608	Puna Geothermal Venture	IPP	Puna Geothermal Venture 1	HI	52028	OEC31	6	GEO	BT
2012	2	3608	Puna Geothermal Venture	IPP	Puna Geothermal Venture 1	HI	52028	OEC32	6	GEO	BT
2012	2	57093	RE Bruceville LLC	IPP	RE Bruceville 2	CA	57784	BRU2	5	SUN	PV
2012	2	57093	RE Bruceville LLC	IPP	RE Bruceville 3	CA	57785	BRU3	5	SUN	PV
2012	2	57090	RE Kammerer LLC	IPP	RE Kammerer 2	CA	57780	KAM2	5	SUN	PV
2012	2	57090	RE Kammerer LLC	IPP	RE Kammerer 3	CA	57782	KAM3	5	SUN	PV
2012	2	56981	Town of Falmouth	Electric Utility	Town of Falmouth WWTP	MA	57654	WIND2	1.7	WND	WT
2012	2	57082	Windstar Energy LLC	IPP	Windstar 1	CA	57774	WGNS	120	WND	WT
2012	3	11770	City of Martinsville (VA)	Electric Utility	Martinsville LFG Generator	VA	57893	LFG1	1	LFG	IC
2012	3	57104	Golden Springs Development Company LLC	IPP	Golden Springs Building D	CA	57797	1	1.3	SUN	PV
2012	3	57142	Gundersen Lutheran Biogas I LLC	IPP	Onalaska Campus Landfill Biogas	WI	57824	416LF	1.1	LFG	IC
2012	3	57154	Heliocentric LLC	IPP	Heliocentric	CA	57831	1	1.3	SUN	PV
2012	3	56791	Hudson Ranch Power I LLC	IPP	Hudson Ranch Power I LLC	CA	57475	HRP1	49.9	GEO	ST
2012	3	57272	Kootenai Electric Cooperative Inc	Electric Utility	Fighting Creek LFGTE Plant	ID	57902	G-123	1.6	LFG	IC
2012	3	57272	Kootenai Electric Cooperative Inc	Electric Utility	Fighting Creek LFGTE Plant	ID	57902	G-162	1.6	LFG	IC
2012	3	15477	Public Service Elec & Gas Co	Electric Utility	BlackRock-Matrix	NJ	57727	BLAR	2.5	SUN	PV
2012	3	56912	V.H. Cooper & Co., Inc.	Industrial	Cooper Farms VW Project	OH	57570	WTG	3	WND	WT
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN1	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN2	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN3	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN4	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN5	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN6	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN7	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Pine Tree Acres WM LFGTE	MI	57443	GEN8	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Waste Management Lockwood LFGTE	NV	57166	GEN1	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	Waste Management Lockwood LFGTE	NV	57166	GEN2	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	West Camden	TN	57409	GEN1	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	West Camden	TN	57409	GEN2	1.6	LFG	IC
2012	3	54842	WM Renewable Energy LLC	IPP	West Camden	TN	57409	GEN3	1.6	LFG	IC
2012	4	56696	Alamosa Operating Services LLC	IPP	Cogentrix of Alamosa	CO	57368	1	30	SUN	PV
2012	4	57194	City of Industry	Electric Utility	Industry MetroLink PV 1	CA	57860	1	1.5	SUN	PV
2012	4	11581	City of Manning	Electric Utility	Manning	IA	1160	M1	2.3	DFO	IC
2012	4	11581	City of Manning	Electric Utility	Manning	IA	1160	M2	2.3	DFO	IC
2012	4	11581	City of Manning	Electric Utility	Manning	IA	1160	M3	2.3	DFO	IC
2012	4	18231	City of Stuart - (IA)	Electric Utility	Gilliam South	IA	7857	7	2.3	DFO	IC
2012	4	50131	Enel Stillwater LLC	IPP	Stillwater Facility	NV	50765	1	21.78	SUN	PV
2012	4	7140	Georgia Power Co	Electric Utility	Jack McDonough	GA	710	5	375	NG	CA
2012	4	7140	Georgia Power Co	Electric Utility	Jack McDonough	GA	710	5ACT	232.5	NG	CT
2012	4	7140	Georgia Power Co	Electric Utility	Jack McDonough	GA	710	5BCT	232.5	NG	CT
2012	4	15399	Iberdrola Renewables Inc	IPP	South Chestnut LLC	PA	56796	1	50.4	WND	WT
2012	4	50158	Innovative Energy Systems Inc	IPP	DANC LFGTE Facility	NY	56958	GEN4	1.6	LFG	IC
2012	4	56637	SUNY-University at Buffalo	Commercial	SUNY Buffalo The Solar Strand	NY	57279	UBPV	1.1	SUN	PV
2012	4	16534	Sacramento Municipal Util Dist	Electric Utility	Solano Wind	CA	7526	3	128	WND	WT
2012	4	57022	Solar Power Inc.	IPP	North Palm Springs 1A	CA	57743	1	2.39	SUN	PV
2012	4	40580	Southern Minnesota Mun P Agny	Electric Utility	SMPA Methane Energy Facility	MN	57903	UNIT1	1.5	LFG	IC
2012	4	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	CTG1	165	NG	CT
2012	4	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	CTG2	165	NG	CT
2012	4	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	CTG3	165	NG	CT
2012	4	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	STG1	383	NG	CA
2012	4	54842	WM Renewable Energy LLC	IPP	Oneida Herkimer	NY	57404	GEN1	1.6	LFG	IC
2012	5	55918	Acciona Wind Energy USA LLC	IPP	Dempsey Ridge Wind Farm	OK	56665	DR	132	WND	WT
2012	5	57340	Cashton Greens Wind Farm LLC	IPP	Cashton Greens Wind Farm	WI	57968	CGWF	5	WND	WT
2012	5	20180	City of Waterloo (IL)	Electric Utility	Waterloo	IL	971	13	6.6	NG	GT
2012	5	56615	First Solar Energy LLC	IPP	Agua Caliente Solar Project	AZ	57373	AGU1	112	SUN	PV



Table ES3. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	7	40	NG	CT
2012	5	56615	First Solar Energy LLC	IPP	Silver State Solar Power North	NV	57442	56188	50	SUN	PV
2012	5	6541	Formosa Plastics Corp	Industrial	CFB Power Plant	TX	56708	G2101	143.1	PC	ST
2012	5	57335	GSG 6 LLC	IPP	Shady Oaks Wind Farm	IL	57964	1	109.5	WND	WT
2012	5	57159	L-8 Solar Project LLC	IPP	L-8 Solar Project	CA	57836	TSM	1.3	SUN	PV
2012	5	57030	Mesquite Solar 1, LLC	IPP	Mesquite Solar 1	AZ	57707	4	16	SUN	PV
2012	5	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	1	12	GEO	BT
2012	5	57361	SunE EPE2 LLC	IPP	SunE EPE2 LLC	NM	57985	1	13.6	SUN	PV
2012	5	2770	Terra-Gen Operating Co LLC	IPP	Alta Wind VI	CA	57833	AW06	150	WND	WT
2012	5	56764	USG Nevada LLC	IPP	San Emidio	NV	57456	SE-U1	8	GEO	ST
2012	5	19553	Unisea Inc	Industrial	Unisea G 2	AK	54422	CAT4	1	DFO	IC
2012	5	19553	Unisea Inc	Industrial	Unisea G 2	AK	54422	CAT5	1	DFO	IC
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT1	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT2	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT3	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT4	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT5	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT6	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT7	57.7	NG	GT
2012	6	56267	Bayonne Energy Center LLC	IPP	Bayonne Energy Center	NJ	56964	GT8	57.7	NG	GT
2012	6	56988	Cimarron Windpower II, LLC	Industrial	Cimarron Windpower II	KS	57663	1	131	WND	WT
2012	6	2010	City of Bountiful	Electric Utility	Bountiful City	UT	3665	2A	11	NG	GT
2012	6	2010	City of Bountiful	Electric Utility	Bountiful City	UT	3665	3A	11	NG	GT
2012	6	19856	City of Vineland - (NJ)	Electric Utility	Howard Down	NJ	2434	11	56.2	NG	GT
2012	6	56769	Consolidated Edison Development Inc.	Electric Utility	Dartmouth II Solar	MA	57838	D2MA	2	SUN	PV
2012	6	57319	Constellation Solar Massachusetts LLC	IPP	Town of Norfolk MA at Medway Branch	MA	57942	PV1	1.2	SUN	PV
2012	6	57318	Constellation Solar Net Metering LLC	IPP	Town of Uxbridge MA at Commerce Dr	MA	57941	PV1	1.8	SUN	PV
2012	6	56482	Gamesa Energy USA	IPP	Sandy Ridge Wind Farm	PA	57285	1	48.2	WND	WT
2012	6	9191	Idaho Power Co	Electric Utility	Langley Gulch Power Plant	ID	57028	GTG	175.8	NG	CT
2012	6	9191	Idaho Power Co	Electric Utility	Langley Gulch Power Plant	ID	57028	STG	122.9	NG	CA
2012	6	56341	Kaheawa Wind Power II LLC	IPP	Kaheawa Wind Power II LLC	HI	57082	1	21	WND	WT
2012	6	56341	Kaheawa Wind Power II LLC	IPP	Kaheawa Wind Power II LLC	HI	57082	2	10	MWH	BA
2012	6	11208	Los Angeles Department of Water & Power	IPP	Adelanto Solar Project	CA	57305	1	10	SUN	PV
2012	6	57030	Mesquite Solar 1, LLC	IPP	Mesquite Solar 1	AZ	57707	5	16	SUN	PV
2012	6	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	2	12	GEO	BT
2012	6	34691	Ormat Nevada Inc	IPP	McGinness Hills	NV	57446	3	6	GEO	BT
2012	6	55723	PPL Renewable Energy LLC	IPP	Warren County	NJ	56888	GEN 1	0.5	SUN	PV
2012	6	55723	PPL Renewable Energy LLC	IPP	Warren County	NJ	56888	GEN 2	0.5	SUN	PV
2012	6	55723	PPL Renewable Energy LLC	IPP	Warren County	NJ	56888	GEN 3	0.5	SUN	PV
2012	6	55723	PPL Renewable Energy LLC	IPP	Warren County	NJ	56888	GEN 4	0.5	SUN	PV
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	131	44.5	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	132	44.5	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	133	44.5	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	134	44.5	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	141	44.5	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	142	44.5	NG	GT
2012	6	15452	PSEG Power Connecticut LLC	IPP	New Haven Harbor	CT	6156	2	44.5	NG	GT
2012	6	15452	PSEG Power Connecticut LLC	IPP	New Haven Harbor	CT	6156	3	44.5	NG	GT
2012	6	15452	PSEG Power Connecticut LLC	IPP	New Haven Harbor	CT	6156	4	44.5	NG	GT
2012	6	14328	Pacific Gas & Electric Co	Electric Utility	Cantua Solar Station	CA	57522	1	20	SUN	PV
2012	6	14328	Pacific Gas & Electric Co	Electric Utility	Giffen Solar Station	CA	57521	1	10	SUN	PV
2012	6	14328	Pacific Gas & Electric Co	Electric Utility	Huron Solar Station	CA	57523	1	20	SUN	PV
2012	6	15330	Prairie State Generating Co LLC	IPP	Prairie State Generating Station	IL	55856	PC1	800	BIT	ST
2012	6	17650	Southern Power Co	IPP	Nacogdoches Power	TX	55708	STG4	100	WDS	ST
2012	6	57360	SunE EPE1 LLC	IPP	SunE EPE1 LLC	NM	57986	1	11.3	SUN	PV
2012	6	56749	UTS SJ1 LLC	Electric CHP	UTS SJ1 LLC	CA	57420	1	1.4	OBG	FC
2012	7	56865	Caithness Shepherds Flat LLC	IPP	Horseshoe Bend Wind LLC	OR	57550	HORSE	290	WND	WT
2012	7	56865	Caithness Shepherds Flat LLC	IPP	South Hurlburt Wind LLC	OR	57549	SOUTH	290	WND	WT

**Table ES3. New U.S. Electric Generating Units by Operating Company, Plant, and Month, 2012**

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	7	40	NG	CT
2012	7	57065	Constellation Solar Horizons LLC	IPP	Mount Saint Mary's	MD	57758	PV1	13.7	SUN	PV
2012	7	57325	Eagle Rock Field Services LLP	Industrial	Woodall Gas Plant	TX	57952	GEN1	1	NG	IC
2012	7	57325	Eagle Rock Field Services LLP	Industrial	Woodall Gas Plant	TX	57952	GEN2	1	NG	IC
2012	7	57325	Eagle Rock Field Services LLP	Industrial	Woodall Gas Plant	TX	57952	GEN3	1	NG	IC
2012	7	49893	Invenegy Services LLC	IPP	Grand Ridge Solar Farm	IL	57912	1	20	SUN	PV
2012	7	19281	Turlock Irrigation District	Electric Utility	Almond Power Plant	CA	7315	2	50	NG	GT
2012	7	19281	Turlock Irrigation District	Electric Utility	Almond Power Plant	CA	7315	3	50	NG	GT
2012	7	19281	Turlock Irrigation District	Electric Utility	Almond Power Plant	CA	7315	4	50	NG	GT
2012	7	19876	Virginia Electric & Power Co	Electric Utility	Virginia City Hybrid Energy Center	VA	56808	1	585	BIT	ST
2012	7	57257	Wildcat Wind LLC	IPP	Wildcat Wind	NM	57887	1	27.3	WND	WT

As of the time of the publication of this report, the data for the latest month may not include all operational status updates.

Notes: See Glossary for definitions. Totals may not equal sum of components because of independent rounding.

Descriptions for the Energy Source and Prime Mover codes listed in the table can be obtained from the Form EIA-860 instructions at the following link: <http://www.eia.gov/cneaf/electricity/forms/eia860/eia860.pdf>

Source: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

**Year-to-Date Capacity Statistics**

Net Summer Capacity	Capacity
Year-to-Date Capacity of New Units	9555
Year-to-Date Capacity of Retired Units	3092
Year-to-Date U.S. Capacity	1062823

Table ES4. Retired U.S. Electric Generating Units by Operating Company Plant and Month, 2012

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	22500	Westar Energy Inc	Electric Utility	Tecumseh Energy Center	KS	1252	2	19	NG	GT
2012	1	22500	Westar Energy Inc	Electric Utility	Tecumseh Energy Center	KS	1252	1	18	NG	GT
2012	1	12199	Montana-Dakota Utilities Co	Electric Utility	Williston	ND	2791	2	4.7	NG	GT
2012	2	12981	Motiva Enterprises LLC	Industrial	Motiva Enterprises Port Arthur Refinery	TX	50973	GN26	9.7	NG	CS
2012	2	12981	Motiva Enterprises LLC	Industrial	Motiva Enterprises Port Arthur Refinery	TX	50973	GN27	4.3	NG	ST
2012	2	56317	Standard Binghamton LLC	Electric CHP	Binghamton Cogen	NY	55600	1	42	NG	GT
2012	2	7140	Georgia Power Co	Electric Utility	Jack McDonough	GA	710	1	251	BIT	ST
2012	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	2	103.8	WAT	HY
2012	2	15470	Duke Energy Indiana Inc	Electric Utility	R Gallagher	IN	1008	1	140	BIT	ST
2012	2	15470	Duke Energy Indiana Inc	Electric Utility	R Gallagher	IN	1008	3	140	BIT	ST
2012	3	18041	State Line Energy LLC	IPP	State Line Energy	IN	981	4	209.4	SUB	ST
2012	3	18041	State Line Energy LLC	IPP	State Line Energy	IN	981	3	124.9	SUB	ST
2012	3	8032	Hanford L.P.	IPP	Hanford	CA	10373	GEN1	25.3	PC	ST
2012	3	7140	Georgia Power Co	Electric Utility	Mitchell	GA	727	4C	31	DFO	GT
2012	3	7840	GWF Power Systems, L.P.	IPP	Wilbur West Power Plant	CA	10369	GEN1	18.2	PC	ST
2012	3	7840	GWF Power Systems, L.P.	IPP	Wilbur East Power Plant	CA	10370	GEN1	18.1	PC	ST
2012	3	7840	GWF Power Systems, L.P.	IPP	East Third Street Power Plant	CA	10367	GEN1	18.7	PC	ST
2012	3	7840	GWF Power Systems, L.P.	IPP	Loveridge Road Power Plant	CA	10368	GEN1	18	PC	ST
2012	3	7840	GWF Power Systems, L.P.	IPP	Nichols Road Power Plant	CA	10371	GEN1	17.8	PC	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	LP-4	12.5	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	LP-3	12.5	BIT	ST
2012	4	17105	Sherman Hospital	Commercial	Sherman Hospital	IL	50909	2	0.8	NG	IC
2012	4	17105	Sherman Hospital	Commercial	Sherman Hospital	IL	50909	1	0.8	NG	IC
2012	4	5416	Duke Energy Carolinas, LLC	Electric Utility	Dan River	NC	2723	1	67	BIT	ST
2012	4	5416	Duke Energy Carolinas, LLC	Electric Utility	Dan River	NC	2723	2	67	BIT	ST
2012	4	5416	Duke Energy Carolinas, LLC	Electric Utility	Dan River	NC	2723	3	142	BIT	ST
2012	4	361	Industrial Energy Applications Inc	IPP	Alliant SBD 9801 Aegon Martha's Way	IA	56072	1	1	DFO	IC
2012	4	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	1	107	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	HP-1	9.4	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	HP-2	9.4	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	HP-3	9.4	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	LP-1	12.5	BIT	ST
2012	4	56190	Savannah River Nuclear Solutions LLC	Electric CHP	US DOE Savannah River Site (D Area)	SC	7652	LP-2	12.5	BIT	ST
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E8	16	DFO	GT
2012	5	306	Alcoa Power Generating Inc Tapoco Div	Electric Utility	Cheoah	NC	54899	1	21	WAT	HY
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W11	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W12	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W13	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W14	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W15	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W16	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W9	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	W10	16	DFO	GT
2012	5	306	Alcoa Power Generating Inc Tapoco Div	Electric Utility	Cheoah	NC	54899	2	21	WAT	HY
2012	5	6035	Exelon Power	IPP	Eddystone Generating Station	PA	3161	2	309	BIT	ST
2012	5	15274	Potomac Power Resources	IPP	Benning	DC	603	15	275	DFO	ST
2012	5	15274	Potomac Power Resources	IPP	Benning	DC	603	16	275	DFO	ST
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E7	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E6	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E5	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E4	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E2	16	DFO	GT
2012	5	15274	Potomac Power Resources	IPP	Buzzard Point	DC	604	E1	16	DFO	GT
2012	6	21148	Zapco Energy Tactics Corp	IPP	Dunbarton Energy Partners LP	NH	55779	MA2	0.6	LFG	IC
2012	6	21148	Zapco Energy Tactics Corp	IPP	Dunbarton Energy Partners LP	NH	55779	MA1	0.6	LFG	IC

**Table ES4. Retired U.S. Electric Generating Units by Operating Company Plant and Month, 2012**

Year	Month	Utility ID	Company	Producer Type	Plant Name	STATE	Plant ID	Generator ID	Net Summer Capacity (megawatts)	Energy Source	Prime Mover
2012	1	22500	Westar Energy Inc	Electric Utility	Tecumseh Energy Center	KS	1252	2	19	NG	GT
2012	6	40307	Prairie Power, Inc	Electric Utility	Pearl Station	IL	6238	1	22.2	BIT	ST
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	11	128	NG	GT
2012	6	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	10	122	NG	GT

As of the time of the publication of this report, the data for the latest month may not include all operational status updates.

Notes: See Glossary for definitions. Totals may not equal sum of components because of independent rounding.

Descriptions for the Energy Source and Prime Mover codes listed in the table can be obtained from the Form EIA-860 instructions at the following link: <http://www.eia.gov/ceaf/electricity/forms/eia860/eia860.pdf>

Source: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

**Year-to-Date Capacity Statistics**

Net Summer Capacity	Capacity
Year-to-Date Capacity of New Units	9555
Year-to-Date Capacity of Retired Units	3092
Year-to-Date U.S. Capacity	1062823

**Table 1.1. Net Generation by Energy Source: Total (All Sectors), 2002-June 2012**  
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Other Renewable	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2002	1,933,130	78,701	15,867	691,006	11,463	780,064	264,329	79,109	-8,743	13,527	3,858,452
2003	1,973,737	102,734	16,672	649,908	15,600	763,733	275,806	79,487	-8,535	14,045	3,883,185
2004	1,978,301	100,391	20,754	710,100	15,252	788,528	268,417	83,067	-8,488	14,232	3,970,555
2005	2,012,873	99,840	22,385	760,960	13,464	781,986	270,321	87,329	-6,558	12,821	4,055,423
2006	1,990,511	44,460	19,706	816,441	14,177	787,219	289,246	96,525	-6,558	12,974	4,064,702
2007	2,016,456	49,505	16,234	896,590	13,453	806,425	247,510	105,238	-6,896	12,231	4,156,745
2008	1,985,801	31,917	14,325	882,981	11,707	806,208	254,831	126,101	-6,288	11,804	4,119,388
2009	1,755,904	25,972	12,964	920,979	10,632	798,855	273,445	144,279	-4,627	11,928	3,950,331
2010	1,847,290	23,337	13,724	987,697	11,313	806,968	260,203	167,173	-5,501	12,855	4,125,060
2011	1,734,265	15,840	12,322	1,016,595	11,269	790,225	325,074	194,993	-5,912	11,064	4,105,734

2010

January	173,320	3,187	1,161	74,173	909	72,569	22,383	12,805	-565	1,014	360,957
February	153,044	1,251	1,122	66,198	825	65,245	20,590	10,901	-351	909	319,735
March	144,406	1,272	1,198	63,431	1,010	64,635	20,886	14,654	-325	1,002	312,168
April	126,952	1,220	1,067	64,644	943	57,611	19,097	15,607	-335	996	287,800
May	143,272	1,851	1,143	73,665	1,017	66,658	25,079	14,631	-441	1,060	327,936
June	165,491	2,656	1,333	92,268	964	68,301	29,854	14,209	-472	1,153	375,759
July	179,600	2,970	1,441	114,624	963	71,913	24,517	13,107	-557	1,146	409,725
August	177,745	2,419	1,157	121,151	1,061	71,574	20,119	13,100	-600	1,158	408,884
September	148,746	1,675	1,108	93,004	954	69,371	17,265	13,227	-421	1,116	346,045
October	132,270	1,221	1,007	77,738	808	62,751	17,683	13,791	-438	1,090	307,921
November	135,185	1,220	860	69,227	907	62,655	19,562	15,782	-467	1,079	306,010
December	167,258	2,395	1,128	77,573	952	73,683	23,169	15,359	-530	1,131	362,119

2011

January	170,983	1,821	1,447	74,458	910	72,743	26,148	14,930	-426	842	363,855
February	138,295	1,166	1,035	65,852	770	64,789	24,687	16,224	-247	781	313,351
March	134,717	1,245	1,208	66,169	955	65,662	31,737	16,811	-350	938	319,092
April	124,293	1,458	821	70,529	913	54,547	31,629	18,352	-467	918	302,994
May	137,493	1,338	860	75,769	848	57,017	33,105	17,777	-419	967	324,757
June	158,308	1,399	1,040	91,096	980	65,270	32,253	17,435	-568	971	368,184
July	176,709	1,699	1,312	120,377	1,059	72,345	31,570	14,094	-709	1,024	419,480
August	171,472	1,286	1,121	119,646	999	71,339	26,320	13,965	-663	965	406,450
September	141,220	1,175	1,073	91,377	958	66,849	21,500	13,135	-554	873	337,606
October	126,872	1,083	851	79,078	949	63,354	20,036	16,729	-572	898	309,279
November	121,197	1,044	679	75,637	923	64,474	21,374	18,478	-441	903	304,268
December	132,706	1,125	875	86,606	1,005	71,837	24,715	17,063	-496	982	336,419

2012

January	129,064	1,138	1,094	91,213	1,096	72,382	23,933	20,245	-330	907	340,743
February	113,831	893	825	91,260	1,146	63,850	20,813	17,079	-226	827	310,298
March	106,032	936	640	92,739	1,023	61,730	26,287	19,677	-268	913	309,709
April	95,982	996	537	95,882	1,018	55,871	26,748	18,430	-242	879	296,101
May	116,476	1,064	613	107,928	1,034	62,081	28,991	18,958	-343	967	337,770
June	131,737	1,288	589	116,184	1,079	65,140	27,074	18,274	-487	912	361,790

Year to Date

2010	906,486	11,437	7,024	434,379	5,668	395,020	137,888	82,806	-2,488	6,134	1,984,356
2011	864,090	8,427	6,412	443,873	5,375	380,028	179,559	101,529	-2,477	5,418	1,992,233
2012	693,122	6,315	4,299	595,206	6,396	381,055	153,846	112,664	-1,897	5,406	1,956,410

Rolling 12 Months Ending in June

2011	1,804,894	20,327	13,112	997,190	11,020	791,976	301,874	185,896	-5,490	12,139	4,132,937
2012	1,563,298	13,728	10,209	1,167,928	12,289	791,252	299,362	206,128	-5,333	11,052	4,069,912

Coal includes Anthracite, bituminous, subbituminous, lignite, waste coal, and coal syntfuel.

Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Other Gas includes Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Other Renewables include Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Other includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewables.

Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information.

See Glossary for definitions. 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

**Table 1.1.A. Net Generation by Other Renewables: Total (All Sectors), 2002-June 2012  
(Thousand Megawatthours)**

Period	Wind	Solar Thermal and Photovoltaic	Wood and Wood-Derived Fuels	Geothermal	Other Biomass	Total (Other Renewables)
<b>Annual Totals</b>						
2002	10,354	555	38,665	14,491	15,044	79,109
2003	11,187	534	37,529	14,424	15,812	79,487
2004	14,144	575	38,117	14,811	15,421	83,067
2005	17,811	550	38,856	14,692	15,420	87,329
2006	26,589	508	38,762	14,568	16,099	96,525
2007	34,450	612	39,014	14,637	16,525	105,238
2008	55,363	864	37,300	14,840	17,734	126,101
2009	73,886	891	36,050	15,009	18,443	144,279
2010	94,652	1,212	37,172	15,219	18,917	167,173
2011	119,747	1,814	36,946	16,700	19,786	194,993
<b>2010</b>						
January	6,854	10	3,126	1,312	1,503	12,805
February	5,432	33	2,895	1,159	1,382	10,901
March	8,589	76	3,090	1,307	1,592	14,654
April	9,764	112	2,932	1,240	1,558	15,607
May	8,698	153	2,893	1,311	1,577	14,631
June	8,049	176	3,094	1,264	1,627	14,209
July	6,724	161	3,308	1,274	1,640	13,107
August	6,686	156	3,319	1,297	1,642	13,100
September	7,106	138	3,157	1,253	1,575	13,227
October	7,944	75	3,003	1,222	1,547	13,791
November	9,748	77	3,080	1,252	1,625	15,782
December	9,059	44	3,275	1,330	1,650	15,359
<b>2011</b>						
January	8,659	31	3,258	1,478	1,503	14,930
February	10,528	80	2,896	1,326	1,393	16,224
March	10,537	113	3,041	1,465	1,655	16,811
April	12,447	161	2,788	1,337	1,619	18,352
May	11,635	201	2,802	1,438	1,702	17,777
June	10,887	257	3,243	1,363	1,685	17,435
July	7,382	226	3,348	1,372	1,767	14,094
August	7,342	236	3,290	1,380	1,717	13,965
September	6,883	183	3,113	1,334	1,621	13,135
October	10,623	169	2,876	1,393	1,669	16,729
November	12,354	78	2,980	1,377	1,689	18,478
December	10,469	79	3,311	1,439	1,765	17,063
<b>2012</b>						
January	13,823	70	3,293	1,438	1,621	20,245
February	11,047	119	3,029	1,361	1,523	17,079
March	13,553	218	2,832	1,438	1,637	19,677
April	12,611	307	2,515	1,354	1,643	18,430
May	12,442	450	2,932	1,439	1,695	18,958
June	11,740	500	2,984	1,394	1,657	18,274
<b>Year to Date</b>						
2010	47,386	560	18,030	7,592	9,238	82,806
2011	64,694	843	18,028	8,406	9,558	101,529
2012	75,216	1,664	17,585	8,424	9,776	112,664
<b>Rolling 12-Month Ending in June</b>						
2011	111,960	1,495	37,170	16,033	19,237	185,896
2012	130,268	2,634	36,503	16,717	20,004	206,128

Wood and wood-derived fuels include Wood/wood waste solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids), wood waste liquids (red liquor, sludge wood, spent sulfite liquor, and Other Biomass includes Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new See Glossary for definitions. 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 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

**Table 1.2. Net Generation by Energy Source: Electric Utilities, 2002-June 2012  
(Thousand Megawatthours)**

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Other Renewable	Hydroelectric Pumped Storage	Other	Total
<b>Annual Totals</b>											
2002	1,514,670	52,838	6,286	229,639	206	507,380	242,302	3,089	-7,434	480	2,549,457
2003	1,500,281	62,774	7,156	186,967	243	458,829	249,622	3,421	-7,532	519	2,462,281
2004	1,513,641	62,196	11,498	199,662	374	475,682	245,546	3,692	-7,526	467	2,505,231
2005	1,484,855	58,572	11,150	238,204	10	436,296	245,553	4,945	-5,383	643	2,474,846
2006	1,471,421	31,269	9,634	282,088	30	425,341	261,864	6,588	-5,281	700	2,483,656
2007	1,490,985	33,325	7,395	313,785	141	427,555	226,734	8,953	-5,328	586	2,504,131
2008	1,466,395	22,206	5,918	320,190	46	424,256	229,645	11,308	-5,143	545	2,475,367
2009	1,322,092	18,035	7,182	349,166	96	417,275	247,198	14,617	-3,369	483	2,372,776
2010	1,378,028	17,258	8,807	392,616	52	424,843	236,104	17,927	-4,466	462	2,471,632
2011	1,300,377	11,556	8,286	407,983	38	415,302	297,766	21,719	-5,306	267	2,457,990
<b>2010</b>											
January	129,279	2,418	736	29,332	6	39,345	20,298	1,338	-427	36	222,362
February	113,856	890	696	25,880	6	34,945	18,752	1,087	-246	29	195,895
March	107,626	1,009	816	25,683	6	33,460	18,546	1,540	-232	37	188,491
April	95,791	923	675	25,721	5	30,946	16,812	1,777	-245	36	172,441
May	108,550	1,443	690	30,549	6	34,506	22,803	1,602	-356	42	199,835
June	124,451	2,132	837	36,530	6	35,835	27,661	1,449	-392	42	228,551
July	134,219	1,986	910	44,597	5	38,536	22,611	1,331	-474	34	243,756
August	132,743	1,785	758	47,474	5	38,021	18,465	1,431	-543	46	240,185
September	110,642	1,207	803	36,692	2	37,188	15,854	1,441	-353	45	203,521
October	97,612	877	645	31,613	1	31,226	15,718	1,542	-361	43	178,917
November	99,803	835	511	27,567	1	32,112	17,612	1,778	-397	34	179,858
December	123,456	1,752	730	30,978	2	38,722	20,970	1,610	-439	39	217,820
<b>2011</b>											
January	126,544	1,167	1,055	28,838	2	37,742	24,211	1,711	-500	23	220,793
February	103,550	863	666	24,765	1	34,119	22,779	1,913	-305	19	188,371
March	102,225	963	756	26,000	2	34,201	28,983	1,940	-277	22	194,814
April	93,628	1,165	505	28,539	2	28,964	28,777	2,084	-404	24	183,282
May	104,414	1,042	516	30,848	7	28,505	30,149	1,970	-367	17	197,103
June	119,811	992	711	37,952	7	34,635	29,880	1,773	-492	27	225,296
July	132,936	1,106	917	49,437	2	38,444	29,495	1,403	-613	23	253,150
August	128,803	930	787	48,924	2	37,435	24,420	1,378	-570	29	242,139
September	105,089	861	789	36,959	3	34,639	19,534	1,348	-471	17	198,767
October	94,027	826	583	32,534	3	33,558	17,957	2,009	-488	21	181,030
November	89,880	805	401	29,768	5	34,107	19,418	2,129	-381	23	176,154
December	99,472	837	599	33,418	3	38,952	22,163	2,062	-438	23	197,091
<b>2012</b>											
January	96,691	854	670	36,112	175	38,271	21,538	2,592	-283	34	196,654
February	86,387	695	495	35,134	165	33,119	18,801	2,114	-191	29	176,749
March	80,807	762	257	36,830	1	30,602	23,880	2,674	-197	21	175,638
April	74,755	789	294	39,168	4	27,884	24,694	2,359	-227	21	169,741
May	88,093	802	346	45,904	39	31,384	26,578	2,587	-264	26	195,497
June	100,198	926	321	48,990	155	34,052	25,133	2,377	-410	35	211,777
<b>Year to Date</b>											
2010	679,553	8,815	4,449	173,694	35	209,037	124,872	8,793	-1,897	222	1,207,575
2011	650,171	6,191	4,210	176,943	20	198,167	164,779	11,391	-2,346	132	1,209,659
2012	526,931	4,827	2,384	242,138	539	195,312	140,625	14,704	-1,571	167	1,126,055
<b>Rolling 12 Months Ending in June</b>											
2011	1,348,646	14,634	8,568	395,865	37	413,972	276,011	20,525	-4,914	372	2,473,716
2012	1,177,137	10,192	6,460	473,178	557	412,448	273,612	25,032	-4,531	302	2,374,386

Coal includes Anthracite, bituminous, subbituminous, lignite, waste coal, and coal syntfuel.

Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Other Gas includes Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Other Renewables include Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Other includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewables.

Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information.

See Glossary for definitions. 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

**Table 1.3. Net Generation by Energy Source: Independent Power Producers, 2002-June 2012**  
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Other Renewable	Hydroelectric Pumped Storage	Other	Total
<b>Annual Totals</b>											
2002	395,943	22,241	8,368	378,044	1,763	272,684	18,189	44,466	-1,309	8,612	1,149,001
2003	452,433	35,818	7,949	380,337	2,404	304,904	21,890	46,060	-1,003	8,088	1,258,879
2004	443,547	33,574	7,410	427,510	3,194	312,846	19,518	48,636	-962	7,856	1,303,129
2005	507,199	37,096	9,664	445,625	3,767	345,690	21,486	51,708	-1,174	6,285	1,427,346
2006	498,316	10,396	8,409	452,329	4,223	361,877	24,390	59,345	-1,277	6,412	1,424,421
2007	507,406	13,645	6,942	500,967	3,901	378,869	19,109	65,751	-1,569	6,191	1,501,212
2008	502,442	8,021	6,737	482,182	3,154	381,952	23,451	85,776	-1,145	6,414	1,498,982
2009	419,031	6,306	4,288	491,839	2,962	381,579	24,308	101,860	-1,259	6,146	1,437,061
2010	449,709	5,117	3,497	508,774	2,915	382,126	22,351	120,956	-1,035	6,345	1,500,754
2011	414,493	3,590	2,791	522,585	3,110	374,923	25,375	144,166	-607	6,649	1,497,075
<b>2010</b>											
January	42,381	655	302	37,515	269	33,224	1,909	9,142	-138	507	125,766
February	37,605	266	314	33,676	241	30,300	1,669	7,669	-105	463	112,099
March	35,039	192	281	30,809	269	31,174	2,145	10,760	-93	502	111,080
April	29,824	228	283	32,403	268	26,666	2,087	11,509	-91	505	103,681
May	33,119	333	335	36,313	273	32,152	2,100	10,747	-84	533	115,821
June	39,461	459	364	48,503	259	32,466	2,050	10,402	-80	550	134,434
July	43,559	900	403	62,363	262	33,377	1,794	9,305	-83	558	152,439
August	43,105	568	265	65,487	244	33,553	1,554	9,193	-57	553	154,465
September	36,515	401	197	48,806	238	32,183	1,334	9,391	-68	540	129,537
October	33,051	267	248	39,263	169	31,525	1,843	9,914	-77	527	116,729
November	34,012	310	224	34,738	218	30,543	1,813	11,642	-70	545	113,975
December	42,038	540	280	38,897	205	34,962	2,054	11,282	-91	562	130,729
<b>2011</b>											
January	42,613	575	260	38,200	245	35,000	1,790	10,733	74	491	129,982
February	33,203	244	268	34,422	204	30,670	1,738	12,096	58	462	113,364
March	30,939	225	338	33,350	249	31,461	2,554	12,510	-72	565	112,118
April	29,439	226	216	35,169	248	25,583	2,645	13,970	-63	566	108,000
May	31,380	251	243	37,719	243	28,511	2,739	13,519	-51	563	115,117
June	36,866	347	226	46,080	275	30,635	2,217	13,118	-76	585	130,274
July	41,914	538	278	63,328	294	33,901	1,947	10,150	-96	615	152,869
August	40,769	302	224	63,066	291	33,903	1,796	10,075	-94	587	150,920
September	34,369	240	185	47,433	285	32,210	1,841	9,339	-83	536	126,354
October	31,174	205	177	39,873	276	29,796	1,947	12,364	-84	535	116,264
November	29,988	199	193	38,649	237	30,367	1,803	13,883	-60	542	115,801
December	31,840	238	182	45,296	263	32,885	2,358	12,408	-59	601	126,012
<b>2012</b>											
January	30,739	232	183	47,420	247	34,111	2,211	15,065	-47	572	130,733
February	25,974	155	179	48,770	257	30,730	1,847	12,574	-35	529	120,980
March	23,745	135	221	48,781	274	31,128	2,210	14,770	-71	589	121,781
April	20,136	152	87	49,842	239	27,987	1,886	13,940	-15	572	114,827
May	27,269	225	122	54,410	231	30,697	2,219	13,947	-80	592	129,634
June	30,362	311	111	59,454	232	31,088	1,800	13,300	-78	456	137,035
<b>Year to Date</b>											
2010	217,429	2,133	1,880	219,219	1,579	185,983	11,959	60,228	-590	3,059	702,879
2011	204,440	1,867	1,552	224,940	1,464	181,861	13,682	75,947	-131	3,233	708,855
2012	158,224	1,211	903	308,677	1,480	185,742	12,173	83,596	-326	3,309	754,990
<b>Rolling 12 Months Ending in June</b>											
2011	436,720	4,852	3,168	514,494	2,801	378,004	24,074	136,674	-576	6,519	1,506,729
2012	368,277	2,934	2,142	606,322	3,126	378,804	23,866	151,816	-802	6,725	1,543,210

Coal includes Anthracite, bituminous, subbituminous, lignite, waste coal, and coal symfuel.

Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Other Gas includes Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Other Renewables include Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Other includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewables.

Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information.

See Glossary for definitions. 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



**Table 1.4. Net Generation by Energy Source: Commercial Combined Heat and Power Sector, 2002-June 2012**  
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Other Renewable	Hydroelectric Pumped Storage	Other	Total
<b>Annual Totals</b>											
2002	992	426	6	4,310	0	0	13	1,065	0	603	7,415
2003	1,206	416	8	3,899	0	0	72	1,302	0	594	7,496
2004	1,340	493	7	3,969	0	0	105	1,575	0	781	8,270
2005	1,353	368	7	4,249	0	0	86	1,673	0	756	8,492
2006	1,310	228	7	4,355	0	0	93	1,619	0	758	8,371
2007	1,371	180	9	4,257	0	0	77	1,614	0	764	8,273
2008	1,261	136	6	4,188	0	0	60	1,555	0	720	7,926
2009	1,096	157	5	4,225	0	0	71	1,769	0	842	8,165
2010	1,111	117	7	4,725	3	0	80	1,714	0	834	8,592
2011	989	90	3	4,526	6	0	95	1,808	0	886	8,403
<b>2010</b>											
January	116	12	1	367	0	0	6	140	0	66	709
February	102	10	1	339	0	0	6	114	0	51	623
March	91	7	1	351	0	0	7	137	0	66	661
April	80	8	1	326	0	0	11	147	0	73	645
May	84	12	0	326	0	0	12	152	0	79	666
June	97	10	0	350	0	0	11	153	0	77	699
July	110	18	0	459	0	0	4	149	0	72	812
August	105	11	1	490	0	0	1	155	0	77	838
September	89	9	1	421	0	0	2	152	0	77	750
October	80	6	1	419	0	0	4	137	0	66	712
November	69	3	1	401	0	0	6	138	0	64	683
December	88	11	1	476	0	0	11	141	0	66	793
<b>2011</b>											
January	103	12	1	402	0	0	9	143	0	68	739
February	95	7	1	350	0	0	10	130	0	62	656
March	97	6	1	341	0	0	12	138	0	71	666
April	71	5	0	347	1	0	11	124	0	63	622
May	77	6	0	373	1	0	9	165	0	82	714
June	82	8	0	368	0	0	9	149	0	76	693
July	96	13	0	431	0	0	11	159	0	81	791
August	86	7	0	408	1	0	4	165	0	81	752
September	76	6	0	356	1	0	3	155	0	76	674
October	63	8	0	359	1	0	5	158	0	75	668
November	64	5	0	378	0	0	6	161	0	75	691
December	78	5	1	413	1	0	6	159	0	75	739
<b>2012</b>											
January	83	5	1	387	1	0	2	173	0	47	698
February	82	3	1	357	1	0	2	172	0	48	665
March	68	4	1	363	1	0	2	169	0	51	658
April	49	6	0	359	1	0	2	176	0	47	639
May	67	6	0	364	1	0	1	194	0	54	686
June	64	10	0	453	0	0	3	339	0	163	1,034
<b>Year to Date</b>											
2010	571	60	3	2,060	1	0	53	842	0	412	4,003
2011	526	45	2	2,181	2	0	61	849	0	423	4,090
2012	413	34	2	2,282	4	0	13	1,222	0	410	4,380
<b>Rolling 12 Months Ending in June</b>											
2011	1,067	102	6	4,846	3	0	88	1,721	0	845	8,678
2012	876	80	3	4,627	9	0	47	2,181	0	873	8,693

Coal includes Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Other Gas includes Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Other Renewables include Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Other includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewables.

Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information.

See Glossary for definitions. 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

**Table 1.5. Net Generation by Energy Source: Industrial Combined Heat and Power Sector, 2002-June 2012**  
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Other Renewable	Hydroelectric Pumped Storage	Other	Total
<b>Annual Totals</b>											
2002	21,525	3,196	1,207	79,013	9,493	0	3,825	30,489	0	3,832	152,580
2003	19,817	3,726	1,559	78,705	12,953	0	4,222	28,704	0	4,843	154,530
2004	19,773	4,128	1,839	78,959	11,684	0	3,248	29,164	0	5,129	153,925
2005	19,466	3,804	1,564	72,882	9,687	0	3,195	29,003	0	5,137	144,739
2006	19,464	2,567	1,656	77,669	9,923	0	2,899	28,972	0	5,103	148,254
2007	16,694	2,355	1,889	77,580	9,411	0	1,590	28,919	0	4,690	143,128
2008	15,703	1,555	1,664	76,421	8,507	0	1,676	27,462	0	4,125	137,113
2009	13,686	1,474	1,489	75,748	7,574	0	1,868	26,033	0	4,457	132,329
2010	18,441	844	1,414	81,583	8,343	0	1,668	26,576	0	5,214	144,082
2011	18,406	604	1,242	81,500	8,115	0	1,838	27,300	0	3,261	142,266
<b>2010</b>											
January	1,544	102	123	6,959	634	0	169	2,185	0	404	12,120
February	1,481	86	111	6,303	578	0	162	2,031	0	366	11,118
March	1,649	63	100	6,588	735	0	188	2,217	0	397	11,936
April	1,258	61	108	6,194	669	0	187	2,174	0	382	11,034
May	1,519	63	118	6,477	738	0	164	2,130	0	406	11,614
June	1,482	55	132	6,885	700	0	132	2,205	0	485	12,075
July	1,713	67	128	7,205	696	0	107	2,321	0	482	12,718
August	1,792	55	133	7,701	812	0	99	2,321	0	482	13,395
September	1,499	58	107	7,085	713	0	76	2,244	0	455	12,238
October	1,527	71	113	6,443	637	0	117	2,199	0	455	11,562
November	1,301	72	124	6,520	688	0	130	2,224	0	436	11,493
December	1,677	92	118	7,223	744	0	134	2,326	0	464	12,777
<b>2011</b>											
January	1,723	67	131	7,017	663	0	137	2,342	0	259	12,341
February	1,447	52	100	6,314	564	0	160	2,086	0	238	10,961
March	1,457	52	113	6,478	705	0	188	2,222	0	280	11,494
April	1,155	62	100	6,473	662	0	196	2,175	0	265	11,089
May	1,622	39	100	6,829	597	0	208	2,123	0	304	11,822
June	1,549	53	102	6,696	698	0	147	2,394	0	282	11,921
July	1,763	42	117	7,181	762	0	118	2,382	0	305	12,669
August	1,814	46	111	7,248	706	0	100	2,347	0	268	12,639
September	1,686	68	98	6,629	670	0	123	2,293	0	245	11,811
October	1,609	44	91	6,312	669	0	126	2,198	0	268	11,317
November	1,266	36	85	6,841	680	0	147	2,304	0	263	11,623
December	1,317	45	93	7,480	738	0	188	2,433	0	283	12,577
<b>2012</b>											
January	1,552	46	240	7,295	673	0	182	2,415	0	254	12,657
February	1,388	39	151	6,999	723	0	163	2,220	0	222	11,904
March	1,412	36	161	6,765	747	0	195	2,065	0	253	11,633
April	1,041	50	156	6,513	775	0	166	1,955	0	239	10,895
May	1,048	31	145	7,249	762	0	192	2,230	0	295	11,952
June	1,114	41	157	7,287	691	0	138	2,258	0	258	11,944
<b>Year to Date</b>											
2010	8,933	429	691	39,406	4,053	0	1,004	12,942	0	2,440	69,898
2011	8,952	324	647	39,808	3,890	0	1,037	13,342	0	1,629	69,629
2012	7,553	243	1,010	42,110	4,372	0	1,035	13,142	0	1,520	70,985
<b>Rolling 12 Months Ending in June</b>											
2011	18,461	739	1,370	81,985	8,179	0	1,701	26,976	0	4,402	143,813
2012	17,008	522	1,605	83,802	8,597	0	1,837	27,100	0	3,153	143,623

Coal includes Anthracite, bituminous, subbituminous, lignite, waste coal, and coal synfuel.

Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

Other Gas includes Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Other Renewables include Wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Other includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuel, and miscellaneous technologies.

Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewables.

Beginning with the collection of Form EIA-923 in January 2008, the methodology for separating the fuel used for electricity generation and useful thermal output from combined heat and power plants changed. The new methodology was retroactively applied to 2004-2007. See the Technical Notes (Appendix C) for further information.

See Glossary for definitions. 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

**Table 1.6.A. Net Generation by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	10,176	10,484	-2.9%	197	376	9,381	9,556	119	70	479	481
Connecticut	3,054	2,967	2.9%	NM	NM	3,008	2,931	NM	NM	32	NM
Maine	1,173	1,306	-10.0%	NM	NM	736	854	17	17	419	436
Massachusetts	3,103	3,184	-2.5%	48	48	2,946	3,078	86	42	23	NM
New Hampshire	1,646	1,699	-3.1%	99	267	1,543	1,427	NM	NM	NM	NM
Rhode Island	754	734	2.7%	NM	1	747	728	NM	NM	--	--
Vermont	446	594	-25.0%	44	54	400	538	--	--	NM	NM
Middle Atlantic	36,311	36,874	-1.5%	3,107	3,435	32,575	32,974	278	93	351	372
New Jersey	6,000	5,789	3.6%	-13	-6	5,907	5,720	51	25	56	50
New York	11,764	12,006	-2.0%	3,041	3,343	8,527	8,538	127	44	69	81
Pennsylvania	18,547	19,079	-2.8%	79	98	18,141	18,716	100	24	226	242
East North Central	54,101	54,243	-0.3%	27,293	29,876	25,808	23,418	147	127	852	822
Illinois	17,196	17,107	0.5%	1,027	1,066	15,943	15,822	35	34	191	186
Indiana	10,199	10,446	-2.4%	9,060	9,053	825	1,088	22	21	291	284
Michigan	9,776	9,642	1.4%	7,300	7,941	2,324	1,542	71	61	81	97
Ohio	10,832	11,766	-7.9%	5,997	7,900	4,736	3,783	--	--	100	83
Wisconsin	6,098	5,282	15.0%	3,909	3,916	1,981	1,183	NM	NM	190	172
West North Central	29,264	28,511	2.6%	25,966	25,687	2,884	2,452	44	36	370	336
Iowa	4,936	4,745	4.0%	3,813	3,684	941	876	NM	NM	167	171
Kansas	4,283	3,843	11.0%	3,915	3,589	317	254	--	--	51	--
Minnesota	4,570	4,306	6.1%	3,742	3,595	682	559	NM	NM	133	144
Missouri	8,588	9,150	-6.1%	8,188	8,905	382	229	15	13	NM	NM
Nebraska	2,940	2,738	7.4%	2,850	2,666	85	68	NM	NM	NM	NM
North Dakota	2,957	2,524	17.0%	2,638	2,209	306	302	NM	NM	NM	NM
South Dakota	991	1,204	-18.0%	821	1,038	171	165	NM	NM	--	--
South Atlantic	66,815	72,735	-8.1%	54,233	60,299	11,058	10,924	100	50	1,424	1,462
Delaware	855	638	34.0%	NM	NM	763	635	NM	--	87	--
District of Columbia	--	24	-100.0%	--	--	--	24	--	--	--	--
Florida	20,059	21,562	-7.0%	18,038	19,422	1,588	1,665	40	NM	392	468
Georgia	11,458	12,513	-8.4%	9,302	10,801	1,761	1,313	NM	NM	393	397
Maryland	3,196	3,785	-16.0%	NM	NM	3,129	3,740	17	4	48	40
North Carolina	10,235	11,628	-12.0%	9,588	10,937	504	526	3	6	141	159
South Carolina	8,467	9,380	-9.7%	8,261	8,968	79	244	NM	NM	127	168
Virginia	6,567	5,881	12.0%	5,270	4,980	1,096	718	37	31	164	152
West Virginia	5,979	7,324	-18.0%	3,769	5,187	2,139	2,059	--	--	70	78
East South Central	34,025	35,507	-4.2%	28,012	30,380	5,258	4,366	NM	NM	744	752
Alabama	13,884	14,700	-5.5%	9,579	11,201	3,936	3,136	--	--	369	363
Kentucky	8,141	8,331	-2.3%	8,068	8,270	29	18	--	--	44	43
Mississippi	5,046	5,244	-3.8%	3,621	3,881	1,289	1,208	NM	NM	134	154
Tennessee	6,953	7,232	-3.9%	6,743	7,028	4	5	NM	NM	196	192
West South Central	65,001	65,934	-1.4%	24,503	25,503	34,415	34,294	48	50	6,035	6,087
Arkansas	6,072	5,988	1.4%	4,031	4,390	1,893	1,433	NM	NM	148	164
Louisiana	9,679	9,378	3.2%	5,090	5,229	2,315	1,855	NM	NM	2,270	2,291
Oklahoma	7,858	7,875	-0.2%	5,555	6,134	2,231	1,663	NM	NM	69	74
Texas	41,393	42,693	-3.0%	9,827	9,750	27,976	29,343	40	42	3,549	3,558
Mountain	32,247	30,372	6.2%	25,790	24,824	6,208	5,303	28	NM	221	225
Arizona	10,285	9,633	6.8%	8,337	8,331	1,923	1,273	NM	NM	NM	NM
Colorado	4,751	4,081	16.0%	3,772	3,194	968	878	NM	NM	5	5
Idaho	1,527	1,558	-2.0%	1,211	1,245	275	269	--	--	41	43
Montana	2,123	2,146	-1.1%	1,045	1,058	1,077	1,087	--	--	NM	NM
Nevada	3,088	2,763	12.0%	2,036	1,873	1,023	873	10	NM	19	13
New Mexico	3,355	3,382	-0.8%	2,821	2,822	526	555	NM	NM	1	NM
Utah	3,358	3,270	2.7%	3,095	3,047	194	150	*	--	69	73
Wyoming	3,761	3,538	6.3%	3,472	3,253	223	218	--	--	66	67
Pacific Contiguous	32,503	32,136	1.1%	21,731	23,945	9,112	6,655	232	191	1,428	1,345
California	16,394	16,436	-0.3%	6,907	9,515	7,950	5,514	228	183	1,309	1,224
Oregon	4,735	5,199	-8.9%	3,998	4,524	700	645	NM	NM	35	29
Washington	11,375	10,501	8.3%	10,826	9,905	462	497	NM	7	84	92
Pacific Noncontiguous	1,347	1,388	-3.0%	946	971	337	330	25	48	39	39
Alaska	516	519	-0.6%	487	479	15	NM	9	18	NM	NM
Hawaii	831	869	-4.4%	459	493	322	315	16	29	34	33
U.S. Total	361,790	368,184	-1.7%	211,777	225,296	137,035	130,274	1,034	693	11,944	11,921

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.6.B. Net Generation by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	58,455	60,020	-2.6%	1,623	2,442	53,628	54,483	465	419	2,739	2,675
Connecticut	17,073	16,251	5.1%	NM	NM	16,822	16,040	47	NM	167	146
Maine	7,248	7,598	-4.6%	NM	1	4,714	5,087	101	101	2,432	2,410
Massachusetts	16,459	18,640	-12.0%	249	260	15,816	18,038	284	252	110	90
New Hampshire	10,254	9,940	3.2%	992	1,796	9,240	8,120	NM	9	NM	NM
Rhode Island	4,096	3,957	3.5%	5	5	4,063	3,926	28	NM	--	--
Vermont	3,325	3,633	-8.5%	338	347	2,974	3,273	--	--	NM	NM
Middle Atlantic	207,086	206,547	0.3%	18,337	17,753	185,817	185,976	747	631	2,186	2,187
New Jersey	31,803	31,585	0.7%	-32	-82	31,406	31,193	102	177	327	296
New York	65,986	64,958	1.6%	17,682	16,876	47,408	47,250	417	322	478	510
Pennsylvania	109,297	110,004	-0.6%	687	959	107,003	107,533	227	132	1,380	1,381
East North Central	299,615	306,626	-2.3%	145,805	164,005	148,093	137,274	740	703	4,977	4,644
Illinois	96,514	96,652	-0.1%	5,570	5,566	89,617	89,705	228	247	1,099	1,134
Indiana	55,903	58,527	-4.5%	48,020	49,643	6,087	7,333	108	111	1,688	1,441
Michigan	53,697	53,125	1.1%	38,572	42,502	14,269	9,749	302	282	554	592
Ohio	62,607	67,726	-7.6%	34,548	43,894	27,486	23,361	--	--	573	470
Wisconsin	30,895	30,597	1.0%	19,096	22,400	10,634	7,127	102	63	1,064	1,007
West North Central	156,916	163,274	-3.9%	136,673	145,463	18,102	15,702	272	208	1,868	1,900
Iowa	28,006	27,824	0.7%	20,678	21,098	6,303	5,699	92	92	932	935
Kansas	19,305	20,829	-7.3%	17,447	19,370	1,806	1,458	--	--	51	--
Minnesota	25,237	26,364	-4.3%	19,993	21,772	4,397	3,712	87	58	761	823
Missouri	44,059	48,062	-8.3%	42,393	46,929	1,561	1,040	84	52	21	41
Nebraska	16,611	16,835	-1.3%	16,029	16,392	555	417	9	6	19	20
North Dakota	18,040	17,416	3.6%	15,699	15,183	2,259	2,151	NM	NM	82	83
South Dakota	5,657	5,944	-4.8%	4,435	4,719	1,222	1,226	NM	NM	--	--
South Atlantic	357,189	376,341	-5.1%	289,831	310,766	58,575	56,922	307	282	8,475	8,371
Delaware	4,251	2,874	48.0%	NM	NM	3,886	2,762	NM	--	340	98
District of Columbia	9	30	-68.0%	--	--	9	30	--	--	--	--
Florida	106,916	106,910	0.0%	95,497	96,342	8,959	8,037	71	32	2,389	2,498
Georgia	59,017	62,630	-5.8%	48,511	54,736	8,161	5,576	11	11	2,334	2,307
Maryland	16,724	21,098	-21.0%	5	5	16,374	20,858	69	22	277	213
North Carolina	55,984	59,262	-5.5%	52,142	55,604	3,016	2,771	19	30	807	857
South Carolina	47,114	50,394	-6.5%	45,299	48,832	900	615	NM	NM	913	946
Virginia	33,859	33,571	0.9%	26,645	27,361	6,245	5,151	133	185	837	873
West Virginia	33,315	39,573	-16.0%	21,711	27,873	11,025	11,121	--	--	578	578
East South Central	179,404	190,191	-5.7%	148,259	167,892	26,582	17,742	62	56	4,501	4,501
Alabama	73,547	75,052	-2.0%	50,460	59,676	20,860	13,200	--	--	2,226	2,176
Kentucky	43,457	48,758	-11.0%	43,117	48,430	122	39	--	--	218	289
Mississippi	25,996	24,260	7.2%	19,523	18,915	5,561	4,460	NM	NM	900	874
Tennessee	36,404	42,120	-14.0%	35,158	40,872	39	43	50	45	1,157	1,161
West South Central	329,645	323,045	2.0%	121,366	121,945	171,624	164,933	257	248	36,397	35,920
Arkansas	33,606	29,272	15.0%	23,011	21,588	9,621	6,703	NM	NM	971	979
Louisiana	50,458	50,899	-0.9%	25,506	26,038	11,414	10,816	NM	22	13,514	14,023
Oklahoma	39,073	35,765	9.3%	28,198	28,204	10,474	7,123	NM	NM	385	426
Texas	206,507	207,109	-0.3%	44,651	46,115	140,115	140,290	214	211	21,527	20,493
Mountain	173,802	170,348	2.0%	137,464	137,749	34,886	31,236	141	106	1,310	1,257
Arizona	53,266	49,221	8.2%	45,343	44,181	7,782	4,875	37	33	104	133
Colorado	25,614	24,704	3.7%	20,107	19,589	5,453	5,071	21	NM	32	32
Idaho	8,390	8,528	-1.6%	6,004	6,719	2,133	1,557	--	--	252	252
Montana	12,899	14,016	-8.0%	4,074	4,728	8,823	9,287	--	--	NM	NM
Nevada	15,344	14,267	7.6%	10,273	9,175	4,916	4,977	45	29	111	87
New Mexico	17,459	18,663	-6.4%	14,244	15,595	3,172	3,033	37	33	NM	1
Utah	18,029	18,888	-4.5%	16,762	17,909	942	703	NM	*	325	277
Wyoming	22,800	22,062	3.3%	20,657	19,855	1,665	1,733	--	--	478	474
Pacific Contiguous	185,870	187,263	-0.7%	120,576	135,456	55,848	42,698	1,129	1,141	8,317	7,968
California	93,345	93,928	-0.6%	38,289	50,999	46,441	34,672	1,105	1,081	7,509	7,176
Oregon	31,770	31,506	0.8%	25,346	26,804	6,208	4,463	11	11	205	228
Washington	60,756	61,828	-1.7%	56,941	57,652	3,198	3,563	NM	49	603	564
Pacific Noncontiguous	8,429	8,578	-1.7%	6,121	6,189	1,836	1,889	258	295	214	205
Alaska	3,513	3,445	2.0%	3,257	3,176	90	93	117	131	49	45
Hawaii	4,916	5,132	-4.2%	2,865	3,013	1,745	1,796	142	163	165	NM
U.S. Total	1,956,410	1,992,233	-1.8%	1,126,055	1,209,659	754,990	708,855	4,380	4,090	70,985	69,629

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.7.A. Net Generation from Coal by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	165	505	-67.0%	26	214	135	287	--	--	NM	NM
Connecticut	15	57	-74.0%	--	--	15	57	--	--	--	--
Maine	3	3	-1.0%	--	--	2	2	--	--	1	1
Massachusetts	120	231	-48.0%	--	--	118	228	--	--	NM	NM
New Hampshire	26	214	-88.0%	26	214	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	7,999	11,229	-29.0%	--	NM	7,890	11,086	--	NM	109	133
New Jersey	156	520	-70.0%	--	--	156	520	--	--	--	--
New York	284	1,047	-73.0%	--	NM	260	1,009	--	--	24	29
Pennsylvania	7,559	9,662	-22.0%	--	--	7,475	9,557	--	NM	85	105
East North Central	29,993	35,688	-16.0%	21,318	25,874	8,373	9,510	34	35	268	269
Illinois	6,864	8,027	-14.0%	941	991	5,781	6,889	--	--	143	147
Indiana	8,135	9,277	-12.0%	7,728	8,549	389	710	15	15	NM	NM
Michigan	4,466	5,474	-18.0%	4,406	5,404	34	35	18	19	NM	NM
Ohio	7,637	9,481	-19.0%	5,423	7,581	2,170	1,876	--	--	44	25
Wisconsin	2,891	3,429	-16.0%	2,820	3,350	--	--	NM	NM	69	77
West North Central	18,313	19,977	-8.3%	18,052	19,705	--	--	18	21	243	251
Iowa	2,988	3,255	-8.2%	2,815	3,077	--	--	NM	NM	162	167
Kansas	2,578	3,004	-14.0%	2,578	3,004	--	--	--	--	--	--
Minnesota	1,678	2,355	-29.0%	1,611	2,284	--	--	--	--	67	70
Missouri	6,647	7,340	-9.4%	6,638	7,328	--	--	7	9	NM	NM
Nebraska	1,948	1,866	4.4%	1,944	1,863	--	--	--	--	NM	NM
North Dakota	2,314	1,915	21.0%	2,306	1,907	--	--	--	--	NM	NM
South Dakota	159	243	-34.0%	159	243	--	--	--	--	--	--
South Atlantic	23,825	32,926	-28.0%	19,793	27,918	3,842	4,770	NM	6	188	232
Delaware	155	190	-18.0%	--	--	155	190	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	4,119	5,331	-23.0%	3,901	5,026	200	280	--	--	NM	24
Georgia	3,830	6,413	-40.0%	3,791	6,362	--	--	--	--	39	51
Maryland	1,241	1,996	-38.0%	--	--	1,227	1,976	--	--	14	20
North Carolina	4,696	6,194	-24.0%	4,515	5,948	155	208	1	5	24	33
South Carolina	2,503	3,741	-33.0%	2,492	3,727	--	NM	--	--	11	13
Virginia	1,505	1,966	-23.0%	1,367	1,730	88	183	NM	NM	49	51
West Virginia	5,776	7,095	-19.0%	3,726	5,124	2,016	1,930	--	--	34	40
East South Central	15,748	19,182	-18.0%	15,467	18,862	141	177	NM	NM	138	142
Alabama	4,495	5,961	-25.0%	4,457	5,915	6	5	--	--	33	41
Kentucky	7,557	7,646	-1.2%	7,557	7,646	--	--	--	--	--	--
Mississippi	589	1,174	-50.0%	454	1,003	135	171	--	--	--	--
Tennessee	3,106	4,401	-29.0%	2,999	4,299	--	--	NM	NM	105	100
West South Central	20,261	23,005	-12.0%	11,186	12,655	9,038	9,960	--	--	37	390
Arkansas	2,646	2,581	2.5%	2,252	2,328	387	247	--	--	7	7
Louisiana	1,898	2,166	-12.0%	963	1,071	935	1,094	--	--	--	--
Oklahoma	2,767	3,315	-17.0%	2,587	3,090	150	187	--	--	30	37
Texas	12,950	14,943	-13.0%	5,384	6,166	7,566	8,432	--	--	--	346
Mountain	15,112	15,314	-1.3%	14,336	14,442	686	779	--	--	90	92
Arizona	3,385	3,600	-6.0%	3,367	3,578	--	--	--	--	NM	23
Colorado	3,014	2,552	18.0%	3,003	2,537	NM	NM	--	--	--	--
Idaho	NM	NM	NM	--	--	--	--	--	--	NM	NM
Montana	555	610	-9.0%	NM	NM	535	587	--	--	--	--
Nevada	126	455	-72.0%	59	355	67	100	--	--	--	--
New Mexico	2,243	2,322	-3.4%	2,243	2,322	--	--	--	--	--	--
Utah	2,548	2,756	-7.5%	2,468	2,678	NM	NM	--	--	50	46
Wyoming	3,235	3,011	7.4%	3,177	2,949	NM	NM	--	--	16	NM
Pacific Contiguous	151	309	-51.0%	--	119	115	158	--	--	35	33
California	150	189	-21.0%	--	--	115	158	--	--	34	31
Oregon	--	119	-100.0%	--	119	--	--	--	--	--	--
Washington	1	2	-42.0%	--	--	--	--	--	--	1	2
Pacific Noncontiguous	171	172	-0.4%	18	13	142	139	8	18	NM	NM
Alaska	42	46	-8.4%	18	13	15	NM	8	18	--	--
Hawaii	129	126	2.6%	--	--	127	123	--	--	NM	NM
U.S. Total	131,737	158,308	-17.0%	100,198	119,811	30,362	36,866	64	82	1,114	1,549

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.7.B. Net Generation from Coal by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	1,517	4,719	-68.0%	608	1,418	889	3,277	--	--	20	24
Connecticut	39	301	-87.0%	--	--	39	301	--	--	--	--
Maine	18	31	-41.0%	--	--	13	22	--	--	5	9
Massachusetts	851	2,969	-71.0%	--	--	837	2,954	--	--	14	NM
New Hampshire	608	1,418	-57.0%	608	1,418	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	43,204	58,664	-26.0%	1	NM	42,517	57,853	1	2	686	770
New Jersey	647	2,507	-74.0%	--	--	647	2,507	--	--	--	--
New York	1,888	5,746	-67.0%	1	NM	1,729	5,525	--	1	158	179
Pennsylvania	40,669	50,412	-19.0%	--	--	40,141	49,821	1	NM	528	591
East North Central	161,360	196,300	-18.0%	114,325	141,363	45,297	53,055	169	232	1,568	1,650
Illinois	37,930	43,808	-13.0%	5,369	5,400	31,700	37,476	17	22	844	909
Indiana	43,641	50,311	-13.0%	40,522	45,961	3,033	4,261	65	69	21	22
Michigan	23,839	28,802	-17.0%	23,518	28,369	176	195	77	131	68	107
Ohio	41,930	53,801	-22.0%	31,329	42,522	10,388	11,123	--	--	212	156
Wisconsin	14,021	19,578	-28.0%	13,587	19,112	--	--	NM	NM	423	456
West North Central	99,203	114,176	-13.0%	97,691	112,611	--	--	100	120	1,413	1,445
Iowa	16,224	18,339	-12.0%	15,238	17,351	--	--	70	73	915	914
Kansas	12,467	15,590	-20.0%	12,467	15,590	--	--	--	--	--	--
Minnesota	10,056	14,602	-31.0%	9,645	14,179	--	--	--	--	412	423
Missouri	34,240	39,036	-12.0%	34,191	38,950	--	--	30	47	19	38
Nebraska	11,302	11,671	-3.2%	11,283	11,652	--	--	--	--	19	20
North Dakota	13,713	13,347	2.7%	13,665	13,298	--	--	--	--	48	49
South Dakota	1,201	1,592	-25.0%	1,201	1,592	--	--	--	--	--	--
South Atlantic	123,110	170,663	-28.0%	103,166	143,069	18,812	26,187	20	34	1,112	1,373
Delaware	515	884	-42.0%	--	--	515	884	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	20,805	26,855	-23.0%	19,745	25,212	960	1,493	--	--	101	149
Georgia	19,797	32,262	-39.0%	19,534	31,925	--	--	--	--	263	337
Maryland	6,064	11,303	-46.0%	--	--	5,983	11,200	--	--	81	103
North Carolina	23,922	31,944	-25.0%	22,911	30,586	862	1,151	12	24	137	183
South Carolina	13,934	18,133	-23.0%	13,860	18,020	NM	NM	--	--	70	92
Virginia	6,588	11,344	-42.0%	5,734	9,835	563	1,184	NM	NM	284	316
West Virginia	31,485	37,937	-17.0%	21,383	27,490	9,926	10,254	--	--	176	193
East South Central	76,529	102,665	-25.0%	74,465	100,600	1,225	1,187	NM	NM	829	868
Alabama	19,101	29,541	-35.0%	18,901	29,259	18	67	--	--	183	215
Kentucky	39,538	45,223	-13.0%	39,538	45,223	--	--	--	--	--	--
Mississippi	3,314	4,918	-33.0%	2,107	3,799	1,207	1,120	--	--	--	--
Tennessee	14,575	22,983	-37.0%	13,919	22,319	--	--	NM	NM	646	653
West South Central	98,455	121,003	-19.0%	56,071	65,504	41,019	53,246	--	--	1,365	2,253
Arkansas	14,409	14,178	1.6%	12,095	12,177	2,266	1,944	--	--	48	57
Louisiana	9,032	11,702	-23.0%	4,400	5,359	4,632	6,344	--	--	--	--
Oklahoma	13,837	17,487	-21.0%	13,040	16,415	640	863	--	--	157	210
Texas	61,177	77,636	-21.0%	26,536	31,553	33,481	44,096	--	--	1,160	1,987
Mountain	86,629	91,847	-5.7%	79,698	84,373	6,576	7,117	--	--	355	357
Arizona	18,966	20,383	-7.0%	18,870	20,255	--	--	--	--	96	128
Colorado	16,254	16,283	-0.2%	16,191	16,199	63	84	--	--	--	--
Idaho	37	39	-4.2%	--	--	--	--	--	--	37	39
Montana	5,771	6,139	-6.0%	NM	139	5,647	6,000	--	--	--	--
Nevada	1,011	2,019	-50.0%	571	1,452	439	568	--	--	--	--
New Mexico	11,655	13,283	-12.0%	11,655	13,283	--	--	--	--	--	--
Utah	13,539	15,408	-12.0%	13,246	15,134	168	185	--	--	125	89
Wyoming	19,397	18,293	6.0%	19,041	17,911	259	282	--	--	98	100
Pacific Contiguous	2,060	2,991	-31.0%	797	1,110	1,071	1,686	--	--	193	195
California	843	1,054	-20.0%	--	--	668	873	--	--	175	181
Oregon	797	1,110	-28.0%	797	1,110	--	--	--	--	--	--
Washington	420	826	-49.0%	--	--	402	813	--	--	18	13
Pacific Noncontiguous	1,054	1,060	-0.5%	110	83	819	832	113	128	NM	NM
Alaska	314	304	3.3%	110	83	90	93	113	128	--	--
Hawaii	741	756	-2.0%	--	--	728	739	--	--	NM	NM
U.S. Total	693,122	864,090	-20.0%	526,931	650,171	158,224	204,440	413	526	7,553	8,952

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.8.A. Net Generation from Petroleum Liquids by State, by Sector June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	87	47	87.0%	3	4	74	30	8	6	3	6
Connecticut	32	21	49.0%	NM	NM	32	21	--	--	NM	NM
Maine	13	9	46.0%	NM	NM	10	2	NM	NM	3	6
Massachusetts	39	12	233.0%	1	1	32	7	6	4	NM	NM
New Hampshire	NM	3	NM	*	1	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	1	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	104	164	-36.0%	52	68	45	88	NM	NM	6	8
New Jersey	2	9	-74.0%	NM	NM	2	8	NM	NM	NM	NM
New York	80	121	-34.0%	52	67	22	46	NM	NM	5	7
Pennsylvania	22	34	-35.0%	NM	NM	21	34	NM	NM	NM	NM
East North Central	42	84	-50.0%	34	72	7	11	NM	NM	1	1
Illinois	5	8	-37.0%	2	2	4	6	NM	NM	NM	NM
Indiana	11	16	-30.0%	11	16	NM	NM	NM	NM	*	*
Michigan	12	19	-34.0%	12	18	--	NM	NM	*	*	*
Ohio	10	37	-72.0%	6	32	4	5	--	--	1	*
Wisconsin	3	4	-24.0%	3	4	*	*	NM	NM	NM	NM
West North Central	32	28	13.0%	31	28	NM	NM	NM	NM	NM	NM
Iowa	14	12	18.0%	14	12	NM	NM	NM	NM	NM	NM
Kansas	3	2	35.0%	3	2	--	--	--	--	--	--
Minnesota	4	2	108.0%	3	1	NM	NM	NM	NM	NM	NM
Missouri	7	5	44.0%	7	5	--	--	NM	NM	--	--
Nebraska	1	4	-77.0%	1	4	--	--	--	--	--	--
North Dakota	3	3	-6.6%	3	3	--	--	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
South Atlantic	261	297	-12.0%	227	210	26	73	NM	NM	7	13
Delaware	4	5	-28.0%	NM	NM	4	5	--	--	--	--
District of Columbia	--	24	-100.0%	--	--	--	24	--	--	--	--
Florida	139	116	20.0%	137	114	NM	NM	--	--	NM	2
Georgia	9	7	33.0%	7	4	NM	NM	NM	NM	NM	2
Maryland	16	36	-56.0%	NM	NM	15	35	NM	NM	*	1
North Carolina	13	23	-41.0%	12	21	NM	NM	NM	NM	NM	NM
South Carolina	11	7	47.0%	11	7	--	--	NM	NM	*	1
Virginia	55	64	-14.0%	46	50	7	8	*	*	NM	6
West Virginia	14	14	1.6%	14	14	--	--	--	--	--	--
East South Central	42	33	28.0%	38	30	NM	NM	--	--	NM	NM
Alabama	14	11	23.0%	10	8	NM	NM	--	--	NM	NM
Kentucky	13	11	16.0%	13	11	--	--	--	--	--	--
Mississippi	2	1	127.0%	1	1	--	--	--	--	1	*
Tennessee	14	10	40.0%	14	10	--	--	--	--	NM	NM
West South Central	21	12	72.0%	5	6	16	4	NM	NM	NM	2
Arkansas	1	3	-54.0%	1	1	*	1	--	--	NM	NM
Louisiana	3	3	24.0%	1	1	2	1	--	--	*	1
Oklahoma	NM	NM	NM	1	1	--	--	NM	NM	NM	NM
Texas	15	6	150.0%	2	4	14	1	NM	NM	NM	1
Mountain	23	24	-0.8%	20	20	3	3	NM	NM	NM	NM
Arizona	3	5	-45.0%	3	5	--	--	NM	NM	NM	NM
Colorado	1	3	-46.0%	1	3	--	--	--	--	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	2	3	-16.0%	NM	NM	2	3	--	--	--	--
Nevada	1	2	-20.0%	1	1	1	1	--	--	--	--
New Mexico	3	4	-27.0%	3	4	NM	--	--	NM	NM	NM
Utah	3	5	-29.0%	3	5	--	--	--	--	--	--
Wyoming	9	2	312.0%	9	2	--	--	--	--	NM	NM
Pacific Contiguous	7	6	5.8%	4	4	2	NM	NM	NM	NM	1
California	5	3	77.0%	3	3	2	NM	NM	NM	NM	NM
Oregon	--	2	-100.0%	--	2	--	--	--	--	--	--
Washington	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1
Pacific Noncontiguous	669	705	-5.1%	513	549	137	137	NM	NM	18	18
Alaska	66	66	-0.6%	62	62	--	--	NM	NM	3	4
Hawaii	603	639	-5.6%	450	488	137	137	*	*	15	14
U.S. Total	1,288	1,399	-7.9%	926	992	311	347	10	8	41	53

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.8.B. Net Generation from Petroleum Liquids by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	207	378	-45.0%	27	77	134	217	22	31	25	53
Connecticut	45	83	-45.0%	NM	1	45	81	--	--	NM	NM
Maine	58	113	-49.0%	NM	1	32	59	NM	NM	24	52
Massachusetts	82	123	-34.0%	9	26	58	76	15	21	NM	NM
New Hampshire	17	51	-67.0%	11	42	NM	NM	NM	9	NM	NM
Rhode Island	NM	6	NM	5	5	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	286	787	-64.0%	84	220	158	504	5	NM	39	59
New Jersey	NM	53	NM	NM	NM	NM	49	NM	NM	NM	NM
New York	188	500	-62.0%	83	217	65	225	4	2	36	56
Pennsylvania	92	233	-61.0%	NM	NM	89	230	NM	NM	NM	NM
East North Central	286	430	-34.0%	240	369	40	52	NM	3	5	7
Illinois	32	42	-23.0%	10	13	22	29	NM	*	NM	NM
Indiana	58	90	-36.0%	55	84	NM	NM	NM	NM	2	4
Michigan	77	100	-23.0%	75	98	NM	NM	NM	1	1	1
Ohio	108	182	-41.0%	90	159	17	22	--	--	1	1
Wisconsin	11	16	-30.0%	10	15	1	1	NM	NM	NM	NM
West North Central	152	152	-0.2%	145	147	4	1	NM	NM	NM	NM
Iowa	51	38	34.0%	50	37	NM	NM	NM	NM	NM	NM
Kansas	17	21	-21.0%	17	21	--	--	--	--	--	--
Minnesota	14	14	5.9%	9	11	4	*	NM	NM	NM	NM
Missouri	34	41	-16.0%	34	41	--	--	NM	NM	--	NM
Nebraska	14	17	-19.0%	14	17	--	--	--	--	--	--
North Dakota	18	18	-1.4%	17	17	--	--	NM	NM	NM	NM
South Dakota	3	3	19.0%	3	3	NM	NM	NM	NM	--	--
South Atlantic	867	1,813	-52.0%	688	1,490	121	228	2	2	57	93
Delaware	11	25	-57.0%	NM	NM	11	25	--	--	--	--
District of Columbia	9	30	-68.0%	--	--	9	30	--	--	--	--
Florida	341	1,005	-66.0%	330	981	NM	7	--	--	9	17
Georgia	56	76	-26.0%	36	37	NM	3	NM	1	19	35
Maryland	56	101	-45.0%	2	3	47	97	NM	NM	6	2
North Carolina	111	138	-20.0%	104	123	NM	NM	NM	NM	6	14
South Carolina	61	64	-4.8%	56	57	--	--	NM	NM	5	7
Virginia	150	262	-43.0%	87	188	50	56	*	1	13	18
West Virginia	72	112	-35.0%	72	101	--	10	--	--	--	--
East South Central	206	288	-29.0%	190	260	1	5	--	--	15	24
Alabama	51	80	-36.0%	38	54	1	5	--	--	12	21
Kentucky	58	69	-15.0%	58	69	--	--	--	--	--	--
Mississippi	9	29	-69.0%	7	28	--	--	--	--	2	1
Tennessee	88	110	-20.0%	87	109	--	--	--	--	NM	NM
West South Central	90	163	-45.0%	35	92	45	63	NM	NM	10	7
Arkansas	17	31	-45.0%	10	16	6	13	--	--	NM	NM
Louisiana	19	30	-37.0%	6	18	8	9	--	--	5	3
Oklahoma	7	7	-2.8%	7	7	--	--	NM	NM	NM	NM
Texas	48	95	-50.0%	13	51	31	41	NM	NM	4	NM
Mountain	114	130	-13.0%	103	116	9	12	NM	NM	NM	NM
Arizona	25	31	-20.0%	23	29	--	--	NM	NM	NM	NM
Colorado	9	NM	NM	8	NM	*	3	--	*	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	6	7	-11.0%	NM	NM	6	6	--	--	--	--
Nevada	8	6	45.0%	5	4	3	2	--	--	--	--
New Mexico	22	NM	NM	22	NM	NM	--	--	NM	NM	NM
Utah	19	27	-28.0%	19	27	--	--	--	--	--	--
Wyoming	25	28	-9.7%	25	28	--	--	--	--	NM	NM
Pacific Contiguous	37	38	-2.3%	20	22	11	6	NM	NM	5	NM
California	25	19	37.0%	16	16	9	NM	NM	NM	NM	NM
Oregon	1	5	-71.0%	1	4	--	--	--	--	--	1
Washington	10	14	-30.0%	NM	NM	3	5	NM	NM	4	7
Pacific Noncontiguous	4,070	4,248	-4.2%	3,295	3,397	688	778	3	NM	83	NM
Alaska	475	446	6.4%	453	423	--	--	NM	NM	19	21
Hawaii	3,596	3,801	-5.4%	2,842	2,975	688	778	1	1	64	NM
U.S. Total	6,315	8,427	-25.0%	4,827	6,191	1,211	1,867	34	45	243	324

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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



**Table 1.9.A. Net Generation from Petroleum Coke by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	NM	NM	NM	--	--	--	5	--	--	NM	NM
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	--	5	-100.0%	--	--	--	5	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	120	157	-24.0%	NM	32	85	99	--	--	NM	26
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	NM	NM	NM	NM	NM	6	6	--	--	NM	NM
Ohio	84	98	-14.0%	--	--	78	92	--	--	NM	NM
Wisconsin	25	44	-42.0%	5	31	--	--	--	--	20	13
West North Central	--	7	-100.0%	--	7	--	--	--	--	--	--
Iowa	--	6	-100.0%	--	6	--	--	--	--	--	--
Kansas	--	2	-100.0%	--	2	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	34	202	-83.0%	9	164	--	--	--	--	26	38
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	9	164	-95.0%	9	164	--	--	--	--	--	--
Georgia	26	38	-33.0%	--	--	--	--	--	--	26	38
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	145	137	5.9%	145	137	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	145	137	5.9%	145	137	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	270	423	-36.0%	162	371	7	16	--	--	101	37
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	176	397	-56.0%	162	371	--	--	--	--	NM	NM
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	93	26	262.0%	--	--	7	16	--	--	86	10
Mountain	11	38	-71.0%	--	--	11	38	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	11	38	-71.0%	--	--	11	38	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	NM	70	NM	--	--	NM	70	--	--	--	--
California	NM	70	NM	--	--	NM	70	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	589	1,040	-43.0%	321	711	111	226	--	--	157	102

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.9.B. Net Generation from Petroleum Coke by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	NM	205	NM	--	--	NM	196	--	--	NM	NM
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	NM	196	NM	--	--	NM	196	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	678	954	-29.0%	39	213	482	556	--	--	157	186
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	69	90	-24.0%	NM	NM	36	35	--	--	NM	NM
Ohio	474	559	-15.0%	--	--	445	520	--	--	NM	39
Wisconsin	135	305	-56.0%	32	202	--	--	--	--	103	102
West North Central	14	55	-75.0%	12	53	--	--	2	2	--	--
Iowa	14	43	-68.0%	12	41	--	--	2	2	--	--
Kansas	*	12	-101.0%	*	12	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	533	1,058	-50.0%	361	835	--	--	--	--	172	223
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	361	835	-57.0%	361	835	--	--	--	--	--	--
Georgia	172	223	-23.0%	--	--	--	--	--	--	172	223
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	619	856	-28.0%	619	856	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	619	856	-28.0%	619	856	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	2,034	2,621	-22.0%	1,353	2,254	7	138	--	--	674	229
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	1,457	2,413	-40.0%	1,353	2,254	--	--	--	--	NM	159
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	573	204	181.0%	--	--	7	138	--	--	566	66
Mountain	215	223	-3.5%	--	--	215	223	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	215	223	-3.5%	--	--	215	223	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	165	440	-63.0%	--	--	165	440	--	--	--	--
California	165	440	-63.0%	--	--	165	440	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	4,299	6,412	-33.0%	2,384	4,210	903	1,552	2	2	1,010	647

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.10.A. Net Generation from Natural Gas by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	5,440	5,238	3.9%	37	28	5,118	4,912	46	47	239	251
Connecticut	1,349	1,293	4.3%	NM	NM	1,306	1,261	NM	NM	31	NM
Maine	474	608	-22.0%	--	--	289	395	NM	NM	185	212
Massachusetts	2,251	2,224	1.2%	25	24	2,173	2,149	32	37	21	NM
New Hampshire	625	393	59.0%	8	1	615	391	--	--	NM	NM
Rhode Island	741	720	2.9%	--	--	735	715	NM	NM	--	--
Vermont	*	*	-40.0%	*	*	--	--	--	--	--	--
Middle Atlantic	13,120	10,316	27.0%	1,408	1,286	11,492	8,891	99	39	121	101
New Jersey	2,733	2,275	20.0%	--	--	2,678	2,229	NM	NM	45	NM
New York	5,774	4,380	32.0%	1,405	1,284	4,265	3,050	81	26	22	NM
Pennsylvania	4,613	3,661	26.0%	NM	NM	4,549	3,611	NM	NM	54	43
East North Central	8,767	3,363	161.0%	3,120	1,104	5,439	2,121	78	50	130	89
Illinois	1,470	559	163.0%	81	69	1,315	428	35	34	39	NM
Indiana	1,396	637	119.0%	1,097	420	252	174	NM	NM	43	39
Michigan	2,517	879	186.0%	653	148	1,824	714	NM	8	NM	NM
Ohio	1,934	812	138.0%	534	236	1,396	572	--	--	NM	NM
Wisconsin	1,450	476	204.0%	756	230	652	232	NM	NM	NM	NM
West North Central	2,770	1,419	95.0%	2,335	1,227	405	177	NM	NM	NM	NM
Iowa	324	84	287.0%	320	81	NM	NM	NM	NM	NM	NM
Kansas	378	469	-19.0%	378	469	--	--	--	--	--	--
Minnesota	892	227	293.0%	748	170	128	49	NM	NM	NM	NM
Missouri	932	581	60.0%	646	449	277	128	8	4	NM	NM
Nebraska	180	45	300.0%	179	45	--	NM	NM	NM	--	--
North Dakota	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
South Dakota	NM	NM	NM	NM	NM	--	--	--	--	--	--
South Atlantic	24,158	20,560	18.0%	18,703	16,320	5,139	4,011	16	NM	301	224
Delaware	653	430	52.0%	NM	NM	593	426	--	--	56	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	13,528	13,076	3.5%	12,302	11,866	1,098	1,042	NM	NM	125	165
Georgia	4,276	2,719	57.0%	2,464	1,380	1,748	1,300	--	--	64	38
Maryland	451	301	50.0%	--	--	422	296	NM	*	17	NM
North Carolina	1,686	1,268	33.0%	1,407	1,024	271	235	*	*	NM	NM
South Carolina	1,161	1,132	2.5%	1,083	895	74	236	NM	NM	3	1
Virginia	2,383	1,592	50.0%	1,442	1,144	914	441	--	--	26	NM
West Virginia	20	42	-51.0%	1	7	19	34	--	--	NM	NM
East South Central	10,517	8,163	29.0%	5,262	3,878	5,094	4,158	NM	NM	151	120
Alabama	5,291	4,437	19.0%	1,279	1,264	3,912	3,105	--	--	99	68
Kentucky	287	180	60.0%	241	146	28	17	--	--	18	NM
Mississippi	4,082	3,144	30.0%	2,895	2,082	1,154	1,036	NM	NM	31	24
Tennessee	858	403	113.0%	846	385	--	--	NM	NM	4	11
West South Central	33,732	30,394	11.0%	10,154	8,938	18,330	16,532	45	46	5,204	4,877
Arkansas	1,856	1,570	18.0%	342	384	1,498	1,176	NM	NM	15	10
Louisiana	5,999	4,807	25.0%	2,699	2,272	1,316	611	NM	NM	1,980	1,920
Oklahoma	4,357	3,830	14.0%	2,763	2,792	1,580	1,027	NM	NM	NM	NM
Texas	21,521	20,187	6.6%	4,350	3,490	13,936	13,719	37	39	3,198	2,939
Mountain	8,258	6,017	37.0%	4,883	3,372	3,289	2,570	18	NM	67	58
Arizona	3,273	2,146	52.0%	1,468	919	1,799	1,222	NM	NM	NM	NM
Colorado	1,043	884	18.0%	591	438	450	443	1	3	NM	NM
Idaho	NM	35	NM	NM	NM	NM	10	--	--	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Nevada	2,384	1,817	31.0%	1,701	1,293	659	506	NM	NM	19	NM
New Mexico	853	809	5.5%	544	461	303	342	NM	NM	1	--
Utah	579	286	103.0%	503	232	63	NM	*	--	13	NM
Wyoming	NM	35	NM	NM	NM	NM	NM	--	--	31	30
Pacific Contiguous	9,160	5,354	71.0%	2,829	1,531	5,147	2,708	124	148	1,061	967
California	8,828	5,139	72.0%	2,706	1,481	4,950	2,549	121	147	1,052	962
Oregon	167	122	37.0%	NM	4	155	115	--	--	NM	NM
Washington	165	93	76.0%	NM	47	42	44	NM	NM	4	2
Pacific Noncontiguous	261	271	-3.6%	260	269	--	--	NM	NM	NM	NM
Alaska	261	271	-3.6%	260	269	--	--	NM	NM	NM	NM
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	116,184	91,096	28.0%	48,990	37,952	59,454	46,080	453	368	7,287	6,696

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.10.B. Net Generation from Natural Gas by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	28,757	28,760	0.0%	117	130	26,854	26,943	292	284	1,494	1,403
Connecticut	6,877	6,540	5.2%	NM	NM	6,649	6,354	47	NM	161	139
Maine	3,030	3,279	-7.6%	--	--	1,803	2,100	NM	NM	1,226	1,179
Massachusetts	11,113	11,855	-6.3%	83	93	10,720	11,463	217	226	93	73
New Hampshire	3,718	3,205	16.0%	NM	20	3,693	3,172	--	--	NM	NM
Rhode Island	4,018	3,879	3.6%	--	--	3,990	3,854	28	NM	--	--
Vermont	1	2	-27.0%	1	2	--	--	--	--	--	--
Middle Atlantic	66,929	52,792	27.0%	6,129	5,940	59,750	45,936	370	290	679	626
New Jersey	13,301	11,653	14.0%	--	--	12,991	11,370	53	47	258	236
New York	27,118	22,123	23.0%	6,119	5,934	20,587	15,850	282	215	129	124
Pennsylvania	26,509	19,016	39.0%	NM	NM	26,172	18,716	35	27	292	267
East North Central	44,636	20,221	121.0%	15,682	6,053	27,796	13,316	437	293	720	559
Illinois	5,825	2,411	142.0%	160	124	5,258	1,888	211	225	195	174
Indiana	8,008	4,666	72.0%	6,525	3,305	1,175	1,089	NM	NM	286	252
Michigan	13,049	5,310	146.0%	2,542	369	10,267	4,859	141	18	100	64
Ohio	11,168	5,115	118.0%	2,927	1,020	8,214	4,073	--	--	27	NM
Wisconsin	6,586	2,719	142.0%	3,528	1,234	2,882	1,408	63	31	112	46
West North Central	9,169	4,476	105.0%	7,715	3,825	1,279	553	122	47	NM	52
Iowa	765	284	169.0%	749	268	NM	NM	NM	NM	NM	NM
Kansas	1,401	1,050	33.0%	1,401	1,050	--	--	--	--	--	--
Minnesota	3,536	1,092	224.0%	3,000	837	441	185	60	37	NM	33
Missouri	2,979	1,893	57.0%	2,086	1,520	837	368	55	5	NM	NM
Nebraska	332	113	195.0%	332	112	--	NM	NM	NM	--	--
North Dakota	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
South Dakota	NM	NM	NM	NM	NM	--	--	--	--	--	--
South Atlantic	126,420	95,933	32.0%	97,232	76,865	27,654	17,921	63	NM	1,471	1,133
Delaware	3,537	1,878	88.0%	NM	NM	3,300	1,784	--	--	216	80
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	72,809	64,703	13.0%	65,998	59,393	6,078	4,580	NM	NM	714	716
Georgia	19,553	11,400	72.0%	11,131	5,669	8,085	5,499	--	--	336	232
Maryland	2,574	839	207.0%	--	--	2,471	811	42	NM	61	27
North Carolina	9,254	4,281	116.0%	7,518	3,078	1,683	1,173	2	*	50	29
South Carolina	6,431	5,738	12.0%	5,560	5,183	854	549	NM	NM	16	6
Virginia	12,143	6,989	74.0%	6,986	3,504	5,085	3,447	--	--	72	37
West Virginia	120	105	15.0%	NM	24	97	76	--	--	NM	NM
East South Central	53,983	35,913	50.0%	27,811	18,684	25,214	16,410	52	45	907	774
Alabama	28,530	20,282	41.0%	7,190	6,775	20,743	13,037	--	--	598	470
Kentucky	1,765	665	165.0%	1,544	520	117	34	--	--	104	111
Mississippi	20,277	13,397	51.0%	15,729	9,894	4,354	3,339	NM	NM	182	153
Tennessee	3,411	1,568	117.0%	3,348	1,494	--	--	40	35	23	40
West South Central	163,591	135,884	20.0%	42,957	36,277	90,182	70,313	236	227	30,217	29,067
Arkansas	8,532	5,854	46.0%	1,128	1,053	7,296	4,688	NM	NM	108	113
Louisiana	28,917	26,925	7.4%	11,153	11,161	6,042	3,761	NM	22	11,698	11,981
Oklahoma	20,050	14,005	43.0%	13,266	10,143	6,704	3,798	NM	NM	63	53
Texas	106,093	89,099	19.0%	17,410	13,920	70,141	58,066	195	193	18,347	16,921
Mountain	38,925	29,114	34.0%	23,238	16,477	15,069	12,111	100	96	518	429
Arizona	13,743	8,041	71.0%	6,397	3,380	7,306	4,627	34	31	NM	NM
Colorado	5,182	4,795	8.1%	3,005	2,285	2,170	2,500	1	4	NM	NM
Idaho	687	303	127.0%	123	NM	544	213	--	--	19	25
Montana	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Nevada	11,380	9,509	20.0%	8,368	6,538	2,871	2,857	30	29	110	86
New Mexico	4,268	3,875	10.0%	2,409	2,119	1,818	1,723	35	33	NM	1
Utah	3,326	2,330	43.0%	2,864	2,064	325	178	NM	*	137	88
Wyoming	285	243	17.0%	NM	NM	NM	NM	--	--	231	221
Pacific Contiguous	60,939	38,968	56.0%	19,428	10,903	34,879	21,438	608	884	6,023	5,745
California	53,652	35,470	51.0%	16,057	9,842	31,054	19,075	595	878	5,945	5,676
Oregon	5,060	2,431	108.0%	1,608	450	3,405	1,943	--	--	47	37
Washington	2,228	1,067	109.0%	1,764	610	421	420	NM	NM	31	31
Pacific Noncontiguous	1,857	1,812	2.5%	1,828	1,790	--	--	NM	NM	NM	21
Alaska	1,857	1,812	2.5%	1,828	1,790	--	--	NM	NM	NM	21
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	595,206	443,873	34.0%	242,138	176,943	308,677	224,940	2,282	2,181	42,110	39,808

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.11.A. Net Generation from Other Gases by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	*	*	-64.0%	--	--	*	*	--	--	--	--
Connecticut	*	*	-64.0%	--	--	*	*	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	65	65	-1.3%	--	--	NM	6	NM	NM	57	59
New Jersey	11	12	-6.3%	--	--	--	--	NM	NM	11	12
New York	--	--	NM	--	--	--	--	--	--	--	--
Pennsylvania	53	53	-0.1%	--	--	NM	6	--	--	46	48
East North Central	417	273	53.0%	153	*	28	33	--	--	236	240
Illinois	10	9	3.3%	--	--	1	--	--	--	NM	9
Indiana	365	216	69.0%	153	--	--	--	--	--	213	216
Michigan	24	21	14.0%	--	--	24	21	--	--	--	--
Ohio	18	27	-33.0%	*	*	3	12	--	--	15	15
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	NM	4	NM	1	*	--	--	--	--	NM	NM
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	NM	NM	--	NM	--	--	--	--	--	--
Missouri	1	*	171.0%	1	*	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	NM	NM	NM	--	--	--	--	--	--	NM	NM
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	40	21	92.0%	--	--	2	18	--	--	38	3
Delaware	31	--	NM	--	--	--	--	--	--	31	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	3	1	384.0%	--	--	2	*	--	--	1	1
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	3	18	-83.0%	--	--	--	18	--	--	3	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	3	2	49.0%	--	--	--	--	--	--	3	2
East South Central	8	7	19.0%	*	*	--	--	--	--	8	7
Alabama	6	6	16.0%	--	--	--	--	--	--	6	6
Kentucky	*	*	NM	*	*	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	1	1	7.2%	--	--	--	--	--	--	1	1
West South Central	358	421	-15.0%	--	--	164	195	--	--	195	226
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	75	115	-35.0%	--	--	21	21	--	--	54	94
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	283	307	-7.7%	--	--	142	174	--	--	141	132
Mountain	21	25	-14.0%	--	--	1	1	--	--	21	24
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	NM	NM	NM	--	--	*	*	--	--	NM	NM
Nevada	1	1	-34.0%	--	--	1	1	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	NM	NM	NM	--	--	--	--	--	--	NM	NM
Wyoming	18	21	-13.0%	--	--	--	--	--	--	18	21
Pacific Contiguous	163	162	1.0%	NM	6	31	22	--	--	132	134
California	133	140	-5.3%	NM	6	*	--	--	--	132	134
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	31	22	42.0%	--	--	31	22	--	--	--	--
Pacific Noncontiguous	NM	NM	NM	--	--	--	--	--	--	NM	NM
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	NM	NM	NM	--	--	--	--	--	--	NM	NM
U.S. Total	1,079	980	10.0%	155	7	232	275	NM	NM	691	698

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.11.B. Net Generation from Other Gases by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	1	1	-6.2%	--	--	1	1	--	--	--	--
Connecticut	1	1	-6.2%	--	--	1	1	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	441	356	24.0%	--	--	52	26	4	NM	385	328
New Jersey	72	61	18.0%	--	--	--	--	4	NM	68	60
New York	--	--	NM	--	--	--	--	--	--	--	--
Pennsylvania	369	294	25.0%	--	--	52	26	--	--	317	269
East North Central	2,119	1,320	60.0%	526	*	187	180	--	--	1,405	1,140
Illinois	59	45	30.0%	--	--	1	*	--	--	58	45
Indiana	1,772	1,034	71.0%	526	--	--	--	--	--	1,245	1,034
Michigan	155	129	20.0%	--	--	155	129	--	--	--	--
Ohio	132	112	18.0%	*	*	30	51	--	--	102	61
Wisconsin	--	*	-100.0%	--	*	--	--	--	--	--	--
West North Central	28	22	24.0%	7	2	--	--	--	--	21	20
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	7	2	179.0%	7	2	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	21	20	4.1%	--	--	--	--	--	--	21	20
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	263	58	355.0%	--	--	59	21	--	--	204	37
Delaware	123	18	591.0%	--	--	--	--	--	--	123	18
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	12	3	257.0%	--	--	7	*	--	--	4	3
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	112	21	441.0%	--	--	52	21	--	--	61	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	15	16	-3.5%	--	--	--	--	--	--	15	16
East South Central	112	61	83.0%	1	1	--	--	--	--	111	60
Alabama	104	53	97.0%	--	--	--	--	--	--	104	53
Kentucky	1	1	-0.3%	1	1	--	--	--	--	--	--
Mississippi	--	*	-100.0%	--	--	--	--	--	--	--	*
Tennessee	7	7	3.0%	--	--	--	--	--	--	7	7
West South Central	2,197	2,447	-10.0%	--	--	977	1,099	--	--	1,220	1,349
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	612	679	-10.0%	--	--	136	123	--	--	476	556
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	1,586	1,768	-10.0%	--	--	841	975	--	--	744	792
Mountain	170	175	-2.7%	--	--	3	3	--	--	167	171
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	NM	NM	NM	--	--	*	*	--	--	NM	NM
Nevada	3	3	-5.5%	--	--	3	3	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	16	17	-7.3%	--	--	--	--	--	--	16	17
Wyoming	149	153	-2.8%	--	--	--	--	--	--	149	153
Pacific Contiguous	1,059	925	15.0%	NM	16	201	135	--	--	853	774
California	859	790	8.7%	NM	16	NM	*	--	--	853	774
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	200	135	49.0%	--	--	200	135	--	--	--	--
Pacific Noncontiguous	NM	10	NM	--	--	--	--	--	--	NM	10
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	NM	10	NM	--	--	--	--	--	--	NM	10
U.S. Total	6,396	5,375	19.0%	539	20	1,480	1,464	4	NM	4,372	3,890

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.12.A. Net Generation from Nuclear Energy by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	3,075	3,230	-4.8%	--	--	3,075	3,230	--	--	--	--
Connecticut	1,513	1,438	5.2%	--	--	1,513	1,438	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	477	486	-1.8%	--	--	477	486	--	--	--	--
New Hampshire	759	864	-12.0%	--	--	759	864	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	326	442	-26.0%	--	--	326	442	--	--	--	--
Middle Atlantic	11,993	11,539	3.9%	--	--	11,993	11,539	--	--	--	--
New Jersey	2,962	2,850	3.9%	--	--	2,962	2,850	--	--	--	--
New York	3,302	3,617	-8.7%	--	--	3,302	3,617	--	--	--	--
Pennsylvania	5,729	5,072	13.0%	--	--	5,729	5,072	--	--	--	--
East North Central	12,833	12,917	-0.7%	2,143	2,309	10,690	10,608	--	--	--	--
Illinois	8,248	7,980	3.4%	--	--	8,248	7,980	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	2,366	2,884	-18.0%	2,143	2,309	224	576	--	--	--	--
Ohio	988	1,194	-17.0%	--	--	988	1,194	--	--	--	--
Wisconsin	1,231	859	43.0%	--	--	1,231	859	--	--	--	--
West North Central	3,827	2,801	37.0%	3,396	2,371	431	430	--	--	--	--
Iowa	431	430	0.4%	--	--	431	430	--	--	--	--
Kansas	855	7	NM	855	7	--	--	--	--	--	--
Minnesota	1,135	935	21.0%	1,135	935	--	--	--	--	--	--
Missouri	867	866	0.2%	867	866	--	--	--	--	--	--
Nebraska	538	563	-4.5%	538	563	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	16,317	16,271	0.3%	15,072	15,088	1,245	1,183	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	1,658	2,230	-26.0%	1,658	2,230	--	--	--	--	--	--
Georgia	2,936	2,870	2.3%	2,936	2,870	--	--	--	--	--	--
Maryland	1,245	1,183	5.3%	--	--	1,245	1,183	--	--	--	--
North Carolina	3,397	3,633	-6.5%	3,397	3,633	--	--	--	--	--	--
South Carolina	4,619	4,266	8.3%	4,619	4,266	--	--	--	--	--	--
Virginia	2,462	2,090	18.0%	2,462	2,090	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	6,208	6,083	2.1%	6,208	6,083	--	--	--	--	--	--
Alabama	3,502	3,543	-1.1%	3,502	3,543	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	271	795	-66.0%	271	795	--	--	--	--	--	--
Tennessee	2,434	1,745	39.0%	2,434	1,745	--	--	--	--	--	--
West South Central	6,241	6,484	-3.7%	2,587	2,839	3,654	3,646	--	--	--	--
Arkansas	1,321	1,324	-0.3%	1,321	1,324	--	--	--	--	--	--
Louisiana	1,266	1,514	-16.0%	1,266	1,514	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	3,654	3,646	0.2%	--	--	3,654	3,646	--	--	--	--
Mountain	2,835	2,857	-0.8%	2,835	2,857	--	--	--	--	--	--
Arizona	2,835	2,857	-0.8%	2,835	2,857	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	1,812	3,089	-41.0%	1,812	3,089	--	--	--	--	--	--
California	1,097	3,089	-64.0%	1,097	3,089	--	--	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	716	--	NM	716	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	65,140	65,270	-0.2%	34,052	34,635	31,088	30,635	--	--	--	--

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.12.B. Net Generation from Nuclear Energy by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	18,888	17,176	10.0%	--	--	18,888	17,176	--	--	--	--
Connecticut	9,162	8,430	8.7%	--	--	9,162	8,430	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	2,889	2,307	25.0%	--	--	2,889	2,307	--	--	--	--
New Hampshire	4,447	3,747	19.0%	--	--	4,447	3,747	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	2,390	2,692	-11.0%	--	--	2,390	2,692	--	--	--	--
Middle Atlantic	74,485	72,549	2.7%	--	--	74,485	72,549	--	--	--	--
New Jersey	17,019	16,711	1.8%	--	--	17,019	16,711	--	--	--	--
New York	19,817	20,214	-2.0%	--	--	19,817	20,214	--	--	--	--
Pennsylvania	37,648	35,624	5.7%	--	--	37,648	35,624	--	--	--	--
East North Central	76,929	75,701	1.6%	11,942	13,225	64,986	62,476	--	--	--	--
Illinois	47,898	46,581	2.8%	--	--	47,898	46,581	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	14,215	16,609	-14.0%	11,942	13,225	2,273	3,383	--	--	--	--
Ohio	7,685	7,414	3.7%	--	--	7,685	7,414	--	--	--	--
Wisconsin	7,131	5,098	40.0%	--	--	7,131	5,098	--	--	--	--
West North Central	20,319	18,945	7.2%	17,661	16,294	2,658	2,652	--	--	--	--
Iowa	2,658	2,652	0.2%	--	--	2,658	2,652	--	--	--	--
Kansas	3,042	2,154	41.0%	3,042	2,154	--	--	--	--	--	--
Minnesota	5,896	5,363	10.0%	5,896	5,363	--	--	--	--	--	--
Missouri	5,338	5,296	0.8%	5,338	5,296	--	--	--	--	--	--
Nebraska	3,384	3,481	-2.8%	3,384	3,481	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	90,259	90,345	-0.1%	84,023	83,453	6,235	6,892	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	8,864	9,740	-9.0%	8,864	9,740	--	--	--	--	--	--
Georgia	16,822	15,687	7.2%	16,822	15,687	--	--	--	--	--	--
Maryland	6,235	6,892	-9.5%	--	--	6,235	6,892	--	--	--	--
North Carolina	19,526	19,618	-0.5%	19,526	19,618	--	--	--	--	--	--
South Carolina	25,054	24,688	1.5%	25,054	24,688	--	--	--	--	--	--
Virginia	13,758	13,720	0.3%	13,758	13,720	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	35,455	35,670	-0.6%	35,455	35,670	--	--	--	--	--	--
Alabama	19,954	18,173	9.8%	19,954	18,173	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	1,680	5,194	-68.0%	1,680	5,194	--	--	--	--	--	--
Tennessee	13,821	12,302	12.0%	13,821	12,302	--	--	--	--	--	--
West South Central	35,155	34,244	2.7%	16,666	14,127	18,489	20,116	--	--	--	--
Arkansas	8,072	6,881	17.0%	8,072	6,881	--	--	--	--	--	--
Louisiana	8,594	7,246	19.0%	8,594	7,246	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	18,489	20,116	-8.1%	--	--	18,489	20,116	--	--	--	--
Mountain	16,137	15,897	1.5%	16,137	15,897	--	--	--	--	--	--
Arizona	16,137	15,897	1.5%	16,137	15,897	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	13,428	19,500	-31.0%	13,428	19,500	--	--	--	--	--	--
California	8,971	17,094	-48.0%	8,971	17,094	--	--	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	4,457	2,406	85.0%	4,457	2,406	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	381,055	380,028	0.3%	195,312	198,167	185,742	181,861	--	--	--	--

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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



**Table 1.13.A. Net Generation from Hydroelectric (Conventional) Power by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	546	677	-19.0%	76	90	410	524	NM	NM	59	63
Connecticut	NM	33	NM	NM	NM	NM	NM	--	--	--	--
Maine	267	320	-17.0%	--	--	210	260	--	--	57	60
Massachusetts	67	89	-25.0%	NM	NM	52	67	NM	NM	NM	NM
New Hampshire	111	117	-5.4%	34	28	77	89	--	--	NM	NM
Rhode Island	NM	NM	NM	--	--	NM	NM	--	--	--	--
Vermont	79	118	-33.0%	NM	38	51	78	--	--	NM	NM
Middle Atlantic	2,044	2,652	-23.0%	1,676	2,124	365	523	NM	NM	NM	NM
New Jersey	1	1	-29.0%	--	--	NM	NM	--	--	--	--
New York	1,881	2,443	-23.0%	1,599	2,028	278	410	NM	NM	NM	NM
Pennsylvania	162	208	-22.0%	76	96	86	112	--	--	--	--
East North Central	511	547	-6.6%	466	498	NM	NM	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	9	--	--	--	--
Indiana	40	44	-8.1%	40	44	--	--	--	--	--	--
Michigan	167	177	-5.5%	154	163	NM	NM	--	--	NM	NM
Ohio	32	49	-35.0%	32	49	--	--	--	--	--	--
Wisconsin	264	263	0.1%	237	238	NM	NM	NM	NM	NM	NM
West North Central	1,181	1,527	-23.0%	1,139	1,488	NM	NM	--	--	NM	NM
Iowa	104	95	9.3%	103	94	NM	NM	--	--	--	--
Kansas	NM	NM	NM	--	--	NM	NM	--	--	--	--
Minnesota	108	106	2.3%	68	NM	NM	NM	--	--	NM	NM
Missouri	29	194	-85.0%	29	194	--	--	--	--	--	--
Nebraska	167	170	-1.7%	167	170	--	--	--	--	--	--
North Dakota	230	219	5.0%	230	219	--	--	--	--	--	--
South Dakota	541	741	-27.0%	541	741	--	--	--	--	--	--
South Atlantic	860	1,086	-21.0%	671	850	153	197	NM	NM	35	38
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	NM	NM	NM	NM	NM	--	--	--	--	--	--
Georgia	196	242	-19.0%	194	239	NM	NM	--	--	NM	NM
Maryland	130	151	-14.0%	--	--	130	151	--	--	--	--
North Carolina	258	313	-17.0%	256	309	NM	NM	NM	NM	*	NM
South Carolina	120	153	-21.0%	117	148	NM	NM	*	NM	--	--
Virginia	71	104	-32.0%	67	98	NM	NM	--	--	NM	NM
West Virginia	75	109	-31.0%	NM	42	14	32	--	--	32	35
East South Central	884	1,451	-39.0%	883	1,450	NM	NM	--	--	--	--
Alabama	331	472	-30.0%	331	472	--	--	--	--	--	--
Kentucky	102	322	-68.0%	102	321	NM	NM	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	450	657	-31.0%	450	657	--	--	--	--	--	--
West South Central	289	768	-62.0%	249	639	40	129	--	--	--	--
Arkansas	115	353	-67.0%	112	348	NM	NM	--	--	--	--
Louisiana	34	120	-72.0%	--	--	34	120	--	--	--	--
Oklahoma	78	201	-61.0%	78	201	--	--	--	--	--	--
Texas	61	94	-35.0%	58	90	NM	NM	--	--	--	--
Mountain	4,089	4,480	-8.7%	3,548	3,960	541	520	--	--	--	--
Arizona	632	944	-33.0%	632	944	--	--	--	--	--	--
Colorado	218	254	-14.0%	196	231	NM	NM	--	--	--	--
Idaho	1,279	1,358	-5.8%	1,161	1,224	118	134	--	--	--	--
Montana	1,401	1,382	1.3%	1,006	1,026	395	356	--	--	--	--
Nevada	281	228	23.0%	276	224	NM	NM	--	--	--	--
New Mexico	NM	NM	NM	NM	NM	--	--	--	--	--	--
Utah	100	111	-9.2%	99	109	NM	NM	--	--	--	--
Wyoming	148	169	-12.0%	147	167	NM	NM	--	--	--	--
Pacific Contiguous	16,515	18,920	-13.0%	16,278	18,644	235	269	NM	7	NM	NM
California	3,026	4,970	-39.0%	2,850	4,756	174	213	NM	NM	--	--
Oregon	3,842	4,351	-12.0%	3,811	4,321	NM	NM	--	--	--	--
Washington	9,648	9,599	0.5%	9,617	9,567	NM	NM	--	--	6	NM
Pacific Noncontiguous	155	145	6.9%	147	136	2	3	--	--	NM	NM
Alaska	145	134	7.9%	145	134	--	--	--	--	--	--
Hawaii	NM	NM	NM	NM	NM	2	3	--	--	NM	NM
U.S. Total	27,074	32,253	-16.0%	25,133	29,880	1,800	2,217	NM	9	138	147

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.13.B. Net Generation from Hydroelectric (Conventional) Power by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	4,074	4,438	-8.2%	561	587	3,128	3,476	NM	NM	383	373
Connecticut	196	213	-8.1%	NM	NM	179	195	--	--	--	--
Maine	1,891	2,010	-5.9%	--	--	1,526	1,656	--	--	365	353
Massachusetts	539	558	-3.5%	118	128	415	425	NM	NM	NM	NM
New Hampshire	771	923	-16.0%	196	203	573	718	--	--	NM	NM
Rhode Island	NM	NM	NM	--	--	NM	NM	--	--	--	--
Vermont	676	732	-7.7%	231	238	432	480	--	--	NM	NM
Middle Atlantic	15,150	15,101	0.3%	12,198	11,867	2,922	3,201	NM	NM	NM	NM
New Jersey	11	12	-9.7%	--	--	NM	NM	--	--	--	--
New York	13,806	13,449	2.7%	11,521	10,914	2,254	2,502	NM	NM	NM	NM
Pennsylvania	1,334	1,640	-19.0%	677	953	657	687	--	--	--	--
East North Central	2,743	2,932	-6.5%	2,485	2,641	151	172	NM	NM	106	118
Illinois	61	70	-13.0%	NM	NM	39	46	--	--	--	--
Indiana	216	160	36.0%	216	160	--	--	--	--	--	--
Michigan	870	961	-9.5%	796	878	57	64	--	--	NM	NM
Ohio	192	183	5.1%	192	183	--	--	--	--	--	--
Wisconsin	1,403	1,559	-10.0%	1,258	1,397	55	62	NM	NM	88	98
West North Central	6,676	7,279	-8.3%	6,448	7,044	145	142	--	--	82	93
Iowa	587	667	-12.0%	581	661	NM	NM	--	--	--	--
Kansas	NM	NM	NM	--	--	NM	NM	--	--	--	--
Minnesota	573	619	-7.5%	358	398	133	128	--	--	82	93
Missouri	600	881	-32.0%	600	881	--	--	--	--	--	--
Nebraska	884	983	-10.0%	884	983	--	--	--	--	--	--
North Dakota	1,302	1,276	2.1%	1,302	1,276	--	--	--	--	--	--
South Dakota	2,724	2,845	-4.3%	2,724	2,845	--	--	--	--	--	--
South Atlantic	7,082	7,965	-11.0%	5,247	5,888	1,429	1,684	NM	NM	401	385
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	90	98	-8.2%	90	98	--	--	--	--	--	--
Georgia	1,394	1,652	-16.0%	1,376	1,633	NM	NM	--	--	NM	NM
Maryland	1,102	1,362	-19.0%	--	--	1,102	1,362	--	--	--	--
North Carolina	2,104	2,219	-5.2%	2,080	2,193	NM	NM	NM	NM	NM	NM
South Carolina	947	1,103	-14.0%	916	1,068	NM	NM	NM	NM	--	--
Virginia	587	681	-14.0%	549	639	NM	NM	--	--	NM	NM
West Virginia	859	851	0.9%	237	257	239	229	--	--	382	365
East South Central	9,814	12,053	-19.0%	9,810	12,048	NM	NM	--	--	--	--
Alabama	4,377	5,414	-19.0%	4,377	5,414	--	--	--	--	--	--
Kentucky	1,310	1,712	-23.0%	1,306	1,707	NM	NM	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	4,127	4,928	-16.0%	4,127	4,928	--	--	--	--	--	--
West South Central	3,959	3,965	-0.1%	3,353	3,369	606	595	--	--	--	--
Arkansas	1,703	1,476	15.0%	1,674	1,445	NM	NM	--	--	--	--
Louisiana	556	541	2.7%	--	--	556	541	--	--	--	--
Oklahoma	1,131	1,334	-15.0%	1,131	1,334	--	--	--	--	--	--
Texas	570	614	-7.2%	548	591	NM	NM	--	--	--	--
Mountain	19,834	22,533	-12.0%	17,018	19,531	2,816	3,002	--	--	--	--
Arizona	3,817	4,576	-17.0%	3,817	4,576	--	--	--	--	--	--
Colorado	1,092	1,291	-15.0%	985	1,174	107	117	--	--	--	--
Idaho	6,415	7,197	-11.0%	5,881	6,654	534	543	--	--	--	--
Montana	6,012	6,837	-12.0%	3,876	4,538	2,136	2,300	--	--	--	--
Nevada	1,353	1,210	12.0%	1,327	1,181	NM	NM	--	--	--	--
New Mexico	158	172	-8.1%	158	172	--	--	--	--	--	--
Utah	506	551	-8.2%	500	544	NM	NM	--	--	--	--
Wyoming	482	699	-31.0%	475	692	NM	NM	--	--	--	--
Pacific Contiguous	83,601	102,362	-18.0%	82,639	100,919	956	1,393	NM	48	NM	NM
California	12,510	24,251	-48.0%	11,880	23,175	626	1,071	NM	NM	NM	--
Oregon	22,335	25,074	-11.0%	22,166	24,890	169	184	--	--	--	--
Washington	48,756	53,037	-8.1%	48,593	52,854	161	138	--	43	NM	NM
Pacific Noncontiguous	914	931	-1.9%	867	884	16	12	--	--	NM	NM
Alaska	855	872	-1.9%	855	872	--	--	--	--	--	--
Hawaii	58	59	-1.1%	NM	NM	16	12	--	--	NM	NM
U.S. Total	153,846	179,559	-14.0%	140,625	164,779	12,173	13,682	NM	61	1,035	1,037

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.14.A. Net Generation from Other Renewable Sources by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	738	657	12.0%	55	40	475	454	37	9	171	153
Connecticut	64	66	-3.0%	--	--	64	66	--	--	--	--
Maine	387	332	17.0%	--	--	205	169	10	9	171	153
Massachusetts	118	111	5.6%	NM	NM	83	109	27	NM	--	--
New Hampshire	118	102	15.0%	30	23	88	79	--	--	--	--
Rhode Island	12	12	-4.8%	--	--	12	12	--	--	--	--
Vermont	41	34	21.0%	17	15	24	18	--	--	--	--
Middle Atlantic	872	799	9.1%	NM	NM	709	701	102	29	54	65
New Jersey	113	84	35.0%	NM	NM	82	71	24	10	NM	--
New York	383	362	5.7%	--	--	343	332	26	9	14	21
Pennsylvania	376	353	6.6%	--	--	284	298	53	11	40	44
East North Central	1,412	1,247	13.0%	110	88	1,148	988	21	24	132	147
Illinois	591	506	17.0%	NM	NM	590	505	--	NM	--	*
Indiana	210	230	-8.8%	22	24	184	203	NM	NM	NM	NM
Michigan	254	243	4.5%	--	--	189	165	16	19	49	59
Ohio	127	67	91.0%	NM	NM	97	32	--	--	29	33
Wisconsin	229	202	13.0%	85	62	88	83	NM	3	53	54
West North Central	3,117	2,660	17.0%	1,003	784	2,012	1,815	6	5	96	56
Iowa	1,074	864	24.0%	561	414	509	445	NM	NM	2	2
Kansas	467	358	31.0%	100	105	316	253	--	--	51	--
Minnesota	730	656	11.0%	165	121	520	481	NM	NM	42	53
Missouri	110	105	4.2%	NM	4	105	101	--	--	NM	NM
Nebraska	107	91	18.0%	21	22	85	68	NM	NM	--	--
North Dakota	402	379	5.8%	95	77	306	302	--	--	NM	NM
South Dakota	227	206	10.0%	57	41	171	165	--	--	--	--
South Atlantic	1,376	1,413	-2.6%	94	90	500	504	50	24	732	795
Delaware	12	13	-11.0%	NM	--	11	13	NM	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	394	401	-1.8%	21	8	193	225	22	NM	158	165
Georgia	272	277	-1.7%	--	--	12	12	NM	NM	258	263
Maryland	82	76	7.8%	NM	NM	62	57	6	4	14	15
North Carolina	181	195	-7.0%	NM	NM	72	76	--	--	108	116
South Carolina	149	187	-20.0%	40	36	NM	NM	--	--	108	149
Virginia	196	202	-3.2%	30	43	59	57	20	16	86	87
West Virginia	90	62	45.0%	--	*	90	62	--	--	--	--
East South Central	471	518	-9.0%	8	8	22	30	--	--	441	480
Alabama	245	270	-9.3%	NM	NM	18	25	--	--	227	245
Kentucky	35	35	-0.5%	8	8	--	--	--	--	27	27
Mississippi	102	129	-21.0%	*	*	--	--	--	--	102	129
Tennessee	89	84	6.4%	--	--	4	5	--	--	85	79
West South Central	3,770	4,360	-14.0%	170	64	3,166	3,812	NM	3	430	480
Arkansas	127	145	-12.0%	--	--	NM	5	NM	NM	123	140
Louisiana	199	227	-12.0%	--	--	NM	7	--	--	193	220
Oklahoma	666	542	23.0%	138	64	501	449	--	--	27	29
Texas	2,778	3,445	-19.0%	32	NM	2,655	3,351	NM	NM	87	91
Mountain	1,879	1,567	20.0%	175	169	1,659	1,362	10	NM	34	35
Arizona	139	52	165.0%	17	NM	121	48	NM	NM	--	--
Colorado	493	402	23.0%	5	5	483	394	NM	NM	NM	NM
Idaho	187	159	18.0%	--	--	153	125	--	--	34	34
Montana	121	84	45.0%	NM	NM	115	77	--	--	--	--
Nevada	296	260	14.0%	--	--	291	260	5	--	NM	NM
New Mexico	224	213	5.1%	--	--	223	213	NM	--	--	--
Utah	119	97	23.0%	21	23	98	75	--	--	--	--
Wyoming	301	300	0.2%	126	130	175	170	--	--	--	--
Pacific Contiguous	4,558	4,132	10.0%	748	522	3,554	3,401	99	36	157	174
California	3,035	2,753	10.0%	193	154	2,691	2,505	97	34	55	61
Oregon	723	602	20.0%	180	79	511	496	NM	NM	29	26
Washington	799	777	2.9%	374	290	352	400	--	--	73	87
Pacific Noncontiguous	82	81	1.4%	8	4	55	51	9	16	9	9
Alaska	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
Hawaii	80	79	1.3%	7	3	55	51	9	16	9	8
U.S. Total	18,274	17,435	4.8%	2,377	1,773	13,300	13,118	339	149	2,258	2,394

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.14.B. Net Generation from Other Renewable Sources by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	4,150	3,820	8.6%	310	230	2,956	2,730	85	55	798	804
Connecticut	386	360	7.3%	--	--	386	360	--	--	--	--
Maine	2,067	1,975	4.6%	--	--	1,212	1,118	57	53	798	804
Massachusetts	707	644	9.7%	39	NM	639	629	29	NM	--	--
New Hampshire	662	566	17.0%	165	113	497	453	--	--	--	--
Rhode Island	71	70	1.8%	--	--	71	70	--	--	--	--
Vermont	257	206	25.0%	106	105	152	100	--	--	--	--
Middle Atlantic	5,756	5,275	9.1%	23	NM	5,158	4,717	213	186	362	362
New Jersey	560	444	26.0%	23	NM	507	361	29	72	NM	--
New York	2,745	2,538	8.1%	--	--	2,545	2,364	74	55	125	119
Pennsylvania	2,452	2,293	6.9%	--	--	2,106	1,992	111	58	235	243
East North Central	10,787	8,873	22.0%	820	574	9,027	7,369	88	106	852	825
Illinois	4,695	3,670	28.0%	8	NM	4,687	3,664	NM	NM	--	*
Indiana	2,036	2,136	-4.7%	137	134	1,878	1,983	13	12	7	7
Michigan	1,565	1,418	10.0%	--	--	1,190	1,004	48	73	326	341
Ohio	912	352	159.0%	10	9	706	159	--	--	196	185
Wisconsin	1,580	1,297	22.0%	664	426	565	558	27	21	323	292
West North Central	21,089	17,797	18.0%	6,793	5,180	13,964	12,306	38	28	293	284
Iowa	7,707	5,801	33.0%	4,047	2,740	3,639	3,040	14	12	7	9
Kansas	2,372	1,994	19.0%	521	543	1,799	1,451	--	--	51	--
Minnesota	5,025	4,539	11.0%	1,013	912	3,768	3,349	16	10	228	268
Missouri	748	695	7.6%	23	22	724	672	--	--	NM	NM
Nebraska	695	570	22.0%	132	147	555	417	8	6	--	--
North Dakota	2,958	2,730	8.4%	695	573	2,259	2,151	--	--	5	6
South Dakota	1,584	1,469	7.8%	362	243	1,221	1,225	--	--	--	--
South Atlantic	8,359	8,097	3.2%	526	522	3,299	3,031	148	145	4,386	4,399
Delaware	65	69	-6.6%	NM	--	61	69	NM	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	2,332	2,288	1.9%	111	83	1,244	1,266	38	18	939	920
Georgia	1,589	1,538	3.3%	--	*	67	68	10	10	1,511	1,460
Maryland	455	452	0.7%	NM	NM	358	348	27	21	68	81
North Carolina	1,054	1,046	0.7%	NM	NM	438	411	--	--	612	630
South Carolina	1,052	1,039	1.2%	247	216	11	11	--	--	794	813
Virginia	1,049	1,113	-5.8%	162	217	356	305	70	96	462	496
West Virginia	764	552	38.0%	--	*	764	552	--	--	--	--
East South Central	2,822	2,952	-4.4%	49	47	137	134	--	--	2,636	2,771
Alabama	1,430	1,509	-5.2%	NM	NM	99	91	--	--	1,330	1,416
Kentucky	161	225	-28.0%	48	46	--	--	--	--	114	179
Mississippi	712	716	-0.5%	*	*	--	--	--	--	712	716
Tennessee	519	502	3.3%	--	--	39	43	--	--	480	460
West South Central	23,802	22,378	6.4%	945	377	20,300	19,362	20	20	2,537	2,618
Arkansas	823	821	0.4%	--	--	25	26	NM	NM	796	792
Louisiana	1,122	1,198	-6.3%	--	--	40	39	--	--	1,083	1,160
Oklahoma	4,092	2,999	36.0%	801	377	3,130	2,463	--	--	161	160
Texas	17,764	17,359	2.3%	144	NM	17,105	16,834	18	18	497	507
Mountain	11,621	10,244	13.0%	1,360	1,454	10,021	8,589	41	NM	199	192
Arizona	532	265	101.0%	68	22	461	241	NM	NM	--	--
Colorado	3,171	2,409	32.0%	41	44	3,107	2,355	20	NM	NM	NM
Idaho	1,251	989	26.0%	--	--	1,055	801	--	--	196	188
Montana	686	634	8.3%	45	42	642	592	--	--	--	--
Nevada	1,589	1,519	4.6%	--	--	1,574	1,518	15	--	NM	NM
New Mexico	1,356	1,311	3.5%	--	--	1,354	1,311	NM	--	--	--
Utah	574	471	22.0%	134	140	440	331	--	--	--	--
Wyoming	2,462	2,645	-6.9%	1,074	1,206	1,388	1,439	--	--	--	--
Pacific Contiguous	23,811	21,647	10.0%	3,856	2,961	18,422	17,443	509	209	1,024	1,034
California	15,640	14,525	7.7%	981	883	13,832	13,110	498	198	329	334
Oregon	3,556	2,864	24.0%	773	350	2,614	2,314	11	11	158	190
Washington	4,615	4,257	8.4%	2,101	1,728	1,976	2,019	--	--	538	511
Pacific Noncontiguous	466	445	4.6%	21	34	312	267	79	91	53	53
Alaska	12	11	9.4%	10	8	--	--	--	--	NM	NM
Hawaii	453	434	4.4%	11	26	312	267	79	91	51	50
U.S. Total	112,664	101,529	11.0%	14,704	11,391	83,596	75,947	1,222	849	13,142	13,342

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.15.A. Net Generation from Hydroelectric (Pumped Storage) Power by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	-35	-33	6.3%	--	--	-35	-33	--	--	--	--
Connecticut	1	1	-31.0%	--	--	1	1	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	-36	-34	5.4%	--	--	-36	-34	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	-78	-99	-21.0%	-36	-55	-43	-43	--	--	--	--
New Jersey	-20	-10	111.0%	-20	-10	--	--	--	--	--	--
New York	-15	-46	-66.0%	-15	-46	--	--	--	--	--	--
Pennsylvania	-43	-43	-1.2%	--	--	-43	-43	--	--	--	--
East North Central	-72	-106	-32.0%	-72	-106	--	--	--	--	--	--
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	-72	-106	-32.0%	-72	-106	--	--	--	--	--	--
Ohio	--	--	NM	--	--	--	--	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	-9	54	-116.0%	-9	54	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	-9	54	-116.0%	-9	54	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	-334	-341	-1.9%	-334	-341	--	--	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	-90	-54	67.0%	-90	-54	--	--	--	--	--	--
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	-101	-112	-9.3%	-101	-112	--	--	--	--	--	--
Virginia	-144	-176	-18.0%	-144	-176	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	-1	-68	-99.0%	-1	-68	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	-1	-68	-99.0%	-1	-68	--	--	--	--	--	--
West South Central	-10	-9	12.0%	-10	-9	--	--	--	--	--	--
Arkansas	2	5	-50.0%	2	5	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	-12	-13	-9.7%	-12	-13	--	--	--	--	--	--
Texas	--	--	NM	--	--	--	--	--	--	--	--
Mountain	-8	5	-277.0%	-8	5	--	--	--	--	--	--
Arizona	16	24	-35.0%	16	24	--	--	--	--	--	--
Colorado	-24	-20	21.0%	-24	-20	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	60	29	103.0%	60	29	--	--	--	--	--	--
California	57	28	105.0%	57	28	--	--	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	2	1	62.0%	2	1	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	-487	-568	-14.0%	-410	-492	-78	-76	--	--	--	--

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.15.B. Net Generation from Hydroelectric (Pumped Storage) Power by State, by Sector, Year-to-Date through June 2012 and 2011  
(Thousand Megawatthours)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	-120	-202	-41.0%	--	--	-120	-202	--	--	--	--
Connecticut	*	-2	-101.0%	--	--	*	-2	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	-120	-199	-40.0%	--	--	-120	-199	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	-305	-254	20.0%	-98	-324	-206	70	--	--	--	--
New Jersey	-56	-95	-41.0%	-56	-95	--	--	--	--	--	--
New York	-42	-229	-82.0%	-42	-229	--	--	--	--	--	--
Pennsylvania	-206	70	-393.0%	--	--	-206	70	--	--	--	--
East North Central	-318	-457	-31.0%	-318	-457	--	--	--	--	--	--
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	-318	-457	-31.0%	-318	-457	--	--	--	--	--	--
Ohio	--	--	NM	--	--	--	--	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	103	205	-50.0%	103	205	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	103	205	-50.0%	103	205	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	-1,411	-1,356	4.1%	-1,411	-1,356	--	--	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	-387	-215	80.0%	-387	-215	--	--	--	--	--	--
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	-393	-399	-1.5%	-393	-399	--	--	--	--	--	--
Virginia	-631	-742	-15.0%	-631	-742	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	-144	-281	-49.0%	-144	-281	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	-144	-281	-49.0%	-144	-281	--	--	--	--	--	--
West South Central	-15	-56	-74.0%	-15	-56	--	--	--	--	--	--
Arkansas	32	16	98.0%	32	16	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	-46	-72	-36.0%	-46	-72	--	--	--	--	--	--
Texas	--	--	NM	--	--	--	--	--	--	--	--
Mountain	-91	-100	-9.2%	-91	-100	--	--	--	--	--	--
Arizona	32	22	46.0%	32	22	--	--	--	--	--	--
Colorado	-123	-122	0.7%	-123	-122	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	402	24	NM	402	24	--	--	--	--	--	--
California	379	-28	NM	379	-28	--	--	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	24	52	-54.0%	24	52	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	-1,897	-2,477	-23.0%	-1,571	-2,346	-326	-131	--	--	--	--

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.16.A. Net Generation from Other Energy Sources by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	160	163	-2.1%	--	--	129	152	27	8	4	4
Connecticut	59	58	1.8%	--	--	58	57	--	--	NM	NM
Maine	30	35	-15.0%	--	--	20	25	7	8	2	2
Massachusetts	66	65	1.2%	--	--	46	65	20	--	--	--
New Hampshire	5	5	0.5%	--	--	5	5	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	192	203	-5.9%	--	--	117	180	74	24	--	--
New Jersey	43	48	-11.0%	--	--	26	40	16	7	--	--
New York	76	78	-1.9%	--	--	57	69	19	8	--	--
Pennsylvania	73	78	-6.7%	--	--	34	70	39	8	--	--
East North Central	79	72	9.7%	15	5	13	18	13	17	37	31
Illinois	--	5	-100.0%	--	--	--	4	--	--	--	1
Indiana	41	26	61.0%	9	--	--	--	NM	NM	31	24
Michigan	30	35	-13.0%	3	3	13	14	12	15	2	3
Ohio	1	1	-14.0%	--	--	--	--	--	--	1	1
Wisconsin	6	5	23.0%	3	2	--	--	NM	NM	NM	NM
West North Central	29	34	-15.0%	17	22	9	9	NM	NM	NM	NM
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	23	25	-10.0%	11	13	9	9	NM	NM	NM	NM
Missouri	3	5	-47.0%	3	5	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	3	3	-1.5%	3	3	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	279	300	-6.8%	*	--	151	169	30	13	98	118
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	200	229	-13.0%	--	--	95	117	15	--	90	112
Georgia	4	2	103.0%	--	--	--	--	--	--	4	2
Maryland	28	24	19.0%	--	--	28	24	NM	NM	--	--
North Carolina	NM	4	NM	--	--	NM	4	--	--	--	--
South Carolina	5	5	4.1%	--	--	--	--	--	--	5	5
Virginia	40	37	6.7%	--	--	24	24	15	13	--	--
West Virginia	*	--	NM	*	--	--	--	--	--	--	--
East South Central	3	NM	NM	2	*	--	NM	NM	--	NM	NM
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	2	*	796.0%	2	*	--	--	--	--	--	--
Mississippi	NM	NM	NM	--	--	--	NM	NM	--	NM	NM
Tennessee	*	NM	NM	--	--	--	--	--	--	*	NM
West South Central	68	76	-9.8%	--	--	--	--	--	--	68	76
Arkansas	3	6	-55.0%	--	--	--	--	--	--	3	6
Louisiana	28	30	-5.5%	--	--	--	--	--	--	28	30
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	37	40	-6.2%	--	--	--	--	--	--	37	40
Mountain	26	45	-43.0%	--	--	18	30	--	--	8	16
Arizona	2	3	-17.0%	--	--	2	3	--	--	--	--
Colorado	6	6	-7.2%	--	--	2	2	--	--	NM	4
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	13	24	-47.0%	--	--	13	24	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	5	12	-59.0%	--	--	NM	NM	--	--	5	12
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	70	64	8.3%	--	--	20	28	9	--	41	36
California	55	55	-0.1%	--	--	10	18	9	--	36	36
Oregon	3	4	-4.5%	--	--	3	4	--	--	--	--
Washington	12	6	91.0%	--	--	6	6	--	--	6	--
Pacific Noncontiguous	7	13	-45.0%	--	--	--	--	7	13	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	7	13	-45.0%	--	--	--	--	7	13	--	--
U.S. Total	912	971	-6.1%	35	27	456	585	163	76	258	282

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.16.B. Net Generation from Other Energy Sources by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	981	929	5.6%	--	--	898	864	64	46	19	18
Connecticut	367	327	12.0%	--	--	361	321	--	--	6	6
Maine	185	191	-2.9%	--	--	128	132	43	46	14	12
Massachusetts	399	382	4.4%	--	--	378	382	20	--	--	--
New Hampshire	30	29	2.6%	--	--	30	29	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	1,099	1,073	2.5%	--	--	948	925	151	148	--	--
New Jersey	244	241	1.4%	--	--	228	184	16	57	--	--
New York	431	421	2.4%	--	--	376	374	55	47	--	--
Pennsylvania	424	411	3.2%	--	--	344	366	80	45	--	--
East North Central	396	350	13.0%	63	24	125	99	44	68	163	159
Illinois	13	24	-48.0%	--	--	10	20	--	--	2	5
Indiana	172	131	31.0%	37	--	--	--	8	9	126	122
Michigan	175	163	7.7%	10	10	114	80	36	59	16	14
Ohio	6	6	-4.0%	--	--	--	--	--	--	6	6
Wisconsin	30	26	13.0%	16	14	--	--	NM	NM	13	12
West North Central	165	166	-0.5%	100	101	51	49	10	11	NM	4
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	136	136	0.6%	71	72	51	49	10	10	NM	4
Missouri	10	13	-18.0%	10	12	--	--	--	*	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	18	17	3.1%	18	17	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	1,707	1,765	-3.2%	*	--	967	958	69	78	671	728
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	1,303	1,383	-5.7%	--	--	667	690	15	--	622	693
Georgia	21	7	211.0%	--	--	--	--	--	--	21	7
Maryland	126	128	-1.5%	--	--	126	128	NM	NM	--	--
North Carolina	14	15	-6.9%	--	--	14	15	--	--	--	--
South Carolina	28	29	-2.7%	--	--	--	--	--	--	28	29
Virginia	215	203	5.6%	--	--	160	125	54	78	--	--
West Virginia	*	--	NM	*	--	--	--	--	--	--	--
East South Central	7	13	-44.0%	4	7	--	NM	NM	--	NM	5
Alabama	*	*	-99.0%	--	--	--	--	--	--	*	*
Kentucky	4	7	-51.0%	4	7	--	--	--	--	--	--
Mississippi	NM	5	NM	--	--	--	NM	NM	--	NM	4
Tennessee	NM	1	NM	--	--	--	--	--	--	NM	1
West South Central	374	398	-5.9%	--	--	--	--	--	--	374	398
Arkansas	18	16	11.0%	--	--	--	--	--	--	18	16
Louisiana	149	164	-9.4%	--	--	--	--	--	--	149	164
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	208	218	-4.4%	--	--	--	--	--	--	208	218
Mountain	246	285	-13.0%	--	--	177	178	--	--	70	106
Arizona	15	6	137.0%	--	--	15	6	--	--	--	--
Colorado	29	36	-20.0%	--	--	7	12	--	--	22	24
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	154	157	-2.5%	--	--	154	157	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	49	85	-42.0%	--	--	NM	NM	--	--	47	82
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	368	368	0.0%	--	--	144	158	9	--	215	210
California	301	312	-3.4%	--	--	88	102	9	--	205	210
Oregon	21	22	-4.6%	--	--	21	22	--	--	--	--
Washington	46	34	35.0%	--	--	35	34	--	--	11	--
Pacific Noncontiguous	62	72	-13.0%	--	--	--	--	62	72	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	62	72	-13.0%	--	--	--	--	62	72	--	--
U.S. Total	5,406	5,418	-0.2%	167	132	3,309	3,233	410	423	1,520	1,629

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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



**Table 1.17.A. Net Generation from Wind by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	90	46	97.0%	NM	NM	83	43	NM	NM	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	57	37	54.0%	--	--	57	37	--	--	--	--
Massachusetts	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
New Hampshire	18	NM	NM	--	--	18	NM	--	--	--	--
Rhode Island	NM	NM	NM	--	--	NM	NM	--	--	--	--
Vermont	7	1	954.0%	1	1	6	--	--	--	--	--
Middle Atlantic	377	307	23.0%	--	--	376	307	--	--	NM	--
New Jersey	NM	NM	NM	--	--	NM	NM	--	--	--	--
New York	211	176	20.0%	--	--	210	176	--	--	NM	--
Pennsylvania	165	130	27.0%	--	--	165	130	--	--	--	--
East North Central	960	758	27.0%	70	43	888	715	NM	NM	NM	--
Illinois	533	440	21.0%	NM	NM	531	439	--	--	--	--
Indiana	185	204	-9.3%	--	--	184	203	NM	NM	--	--
Michigan	55	25	121.0%	--	--	55	25	--	--	--	--
Ohio	69	5	NM	NM	NM	67	4	--	--	NM	--
Wisconsin	119	85	40.0%	68	41	51	44	--	--	--	--
West North Central	2,942	2,469	19.0%	960	741	1,928	1,727	NM	NM	51	--
Iowa	1,059	848	25.0%	557	411	502	437	NM	--	--	--
Kansas	467	358	31.0%	100	105	316	253	--	--	51	--
Minnesota	583	494	18.0%	136	90	446	403	NM	NM	--	--
Missouri	103	99	3.9%	--	--	103	99	--	--	--	--
Nebraska	102	85	20.0%	16	17	85	67	--	--	--	--
North Dakota	401	378	5.9%	95	77	306	302	--	--	--	--
South Dakota	227	206	10.0%	57	41	171	165	--	--	--	--
South Atlantic	113	85	34.0%	--	--	113	85	NM	--	--	--
Delaware	NM	NM	NM	--	--	--	NM	NM	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	22	22	0.6%	--	--	22	22	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	90	62	45.0%	--	--	90	62	--	--	--	--
East South Central	2	3	-28.0%	--	--	2	3	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	2	3	-28.0%	--	--	2	3	--	--	--	--
West South Central	3,251	3,825	-15.0%	170	64	3,082	3,760	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	639	514	24.0%	138	64	501	449	--	--	--	--
Texas	2,613	3,311	-21.0%	32	NM	2,581	3,311	--	--	--	--
Mountain	1,319	1,184	11.0%	137	142	1,179	1,041	NM	NM	NM	NM
Arizona	25	33	-23.0%	--	--	25	33	--	--	--	--
Colorado	467	385	21.0%	5	5	459	378	NM	NM	NM	NM
Idaho	139	110	26.0%	--	--	139	110	--	--	--	--
Montana	107	84	28.0%	NM	NM	100	77	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	188	203	-7.4%	--	--	188	203	NM	--	--	--
Utah	93	70	33.0%	--	--	93	70	--	--	--	--
Wyoming	301	300	0.2%	126	130	175	170	--	--	--	--
Pacific Contiguous	2,651	2,179	22.0%	618	364	2,033	1,815	--	--	--	--
California	1,274	1,014	26.0%	75	63	1,199	952	--	--	--	--
Oregon	666	546	22.0%	175	73	492	473	--	--	--	--
Washington	711	619	15.0%	368	229	342	389	--	--	--	--
Pacific Noncontiguous	34	32	5.5%	NM	NM	33	31	--	--	--	--
Alaska	NM	NM	NM	NM	NM	--	--	--	--	--	--
Hawaii	33	31	5.2%	--	--	33	31	--	--	--	--
U.S. Total	11,740	10,887	7.8%	1,963	1,358	9,716	9,526	NM	NM	54	NM

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

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

**Table 1.17.B. Net Generation from Wind by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	632	419	51.0%	40	15	590	402	NM	NM	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	450	353	28.0%	--	--	450	353	--	--	--	--
Massachusetts	47	15	206.0%	33	10	12	NM	NM	NM	--	--
New Hampshire	79	44	80.0%	--	--	79	44	--	--	--	--
Rhode Island	NM	NM	NM	--	--	NM	NM	--	--	--	--
Vermont	54	5	886.0%	7	5	47	--	--	--	--	--
Middle Atlantic	2,905	2,594	12.0%	--	--	2,900	2,594	--	--	NM	--
New Jersey	10	8	15.0%	--	--	10	8	--	--	--	--
New York	1,690	1,505	12.0%	--	--	1,685	1,505	--	--	NM	--
Pennsylvania	1,206	1,081	12.0%	--	--	1,206	1,081	--	--	--	--
East North Central	8,057	6,156	31.0%	558	324	7,490	5,831	NM	NM	NM	--
Illinois	4,339	3,302	31.0%	8	NM	4,331	3,297	--	--	--	--
Indiana	1,880	1,985	-5.3%	--	--	1,878	1,983	NM	NM	--	--
Michigan	396	208	90.0%	--	--	396	208	--	--	--	--
Ohio	554	12	NM	9	8	538	4	--	--	NM	--
Wisconsin	888	649	37.0%	540	310	347	339	--	--	--	--
West North Central	20,066	16,732	20.0%	6,541	4,915	13,459	11,809	14	NM	51	--
Iowa	7,622	5,717	33.0%	4,027	2,721	3,593	2,996	NM	--	--	--
Kansas	2,372	1,994	19.0%	521	543	1,799	1,451	--	--	51	--
Minnesota	4,162	3,631	15.0%	831	714	3,318	2,910	13	NM	--	--
Missouri	713	661	7.8%	--	--	713	661	--	--	--	--
Nebraska	660	535	23.0%	106	121	555	414	--	--	--	--
North Dakota	2,954	2,724	8.4%	695	573	2,259	2,151	--	--	--	--
South Dakota	1,584	1,469	7.8%	362	243	1,221	1,225	--	--	--	--
South Atlantic	944	716	32.0%	--	--	940	716	NM	NM	--	--
Delaware	NM	NM	NM	--	--	--	NM	NM	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	177	162	9.3%	--	--	177	162	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	764	552	38.0%	--	--	764	552	--	--	--	--
East South Central	27	30	-11.0%	--	--	27	30	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	27	30	-11.0%	--	--	27	30	--	--	--	--
West South Central	20,886	19,456	7.4%	945	377	19,941	19,078	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	3,931	2,840	38.0%	801	377	3,130	2,463	--	--	--	--
Texas	16,955	16,616	2.0%	144	NM	16,811	16,615	--	--	--	--
Mountain	8,962	8,073	11.0%	1,158	1,291	7,784	6,772	16	NM	NM	NM
Arizona	161	172	-6.6%	--	--	161	172	--	--	--	--
Colorado	3,070	2,342	31.0%	40	43	3,013	2,289	14	NM	NM	NM
Idaho	963	712	35.0%	--	--	963	712	--	--	--	--
Montana	672	634	6.1%	45	42	627	592	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	1,227	1,265	-3.0%	--	--	1,225	1,265	NM	--	--	--
Utah	408	302	35.0%	--	--	408	302	--	--	--	--
Wyoming	2,462	2,645	-6.9%	1,074	1,206	1,388	1,439	--	--	--	--
Pacific Contiguous	12,548	10,362	21.0%	3,050	2,096	9,498	8,265	--	--	--	--
California	5,445	4,434	23.0%	362	316	5,082	4,118	--	--	--	--
Oregon	3,238	2,504	29.0%	738	317	2,500	2,187	--	--	--	--
Washington	3,866	3,424	13.0%	1,949	1,464	1,916	1,960	--	--	--	--
Pacific Noncontiguous	190	156	21.0%	10	8	180	148	--	--	--	--
Alaska	10	8	15.0%	10	8	--	--	--	--	--	--
Hawaii	180	148	22.0%	--	--	180	148	--	--	--	--
U.S. Total	75,216	64,694	16.0%	12,301	9,028	62,810	55,647	38	16	66	NM

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.18.A. Net Generation from Biomass by State, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	644	610	5.7%	46	37	390	410	36	9	171	153
Connecticut	NM	NM	NM	--	--	NM	NM	--	--	--	--
Maine	330	295	12.0%	--	--	149	133	10	9	171	153
Massachusetts	NM	NM	NM	--	--	NM	NM	26	NM	--	--
New Hampshire	99	96	3.4%	30	23	69	73	--	--	--	--
Rhode Island	12	12	-5.1%	--	--	12	12	--	--	--	--
Vermont	NM	32	NM	16	15	NM	18	--	--	--	--
Middle Atlantic	445	475	-6.3%	--	--	293	381	100	29	52	NM
New Jersey	73	69	4.4%	--	--	51	60	21	9	--	--
New York	167	186	-11.0%	--	--	127	156	26	9	13	21
Pennsylvania	206	219	-5.9%	--	--	115	165	52	10	39	NM
East North Central	444	484	-8.3%	39	45	252	268	NM	NM	131	147
Illinois	56	64	-12.0%	--	--	56	64	--	NM	--	*
Indiana	25	27	-4.8%	22	24	--	--	NM	NM	NM	NM
Michigan	199	218	-8.8%	--	--	134	140	NM	NM	NM	NM
Ohio	53	59	-10.0%	--	--	NM	26	--	--	NM	NM
Wisconsin	110	117	-5.6%	17	21	37	38	NM	NM	NM	NM
West North Central	175	191	-8.7%	42	43	84	88	4	4	45	56
Iowa	15	16	-6.1%	NM	3	NM	8	NM	NM	2	2
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	147	162	-9.6%	30	31	75	78	NM	NM	NM	NM
Missouri	7	6	9.1%	NM	4	NM	NM	--	--	NM	NM
Nebraska	NM	6	NM	NM	5	--	NM	NM	NM	--	--
North Dakota	NM	NM	NM	--	--	--	--	--	--	NM	NM
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	1,232	1,314	-6.2%	77	83	373	411	NM	NM	732	795
Delaware	8	12	-33.0%	--	--	8	12	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	371	390	-4.7%	6	3	185	219	22	NM	158	165
Georgia	272	277	-1.7%	--	--	NM	NM	NM	NM	258	263
Maryland	59	54	9.1%	NM	NM	39	34	NM	NM	14	15
North Carolina	176	192	-8.1%	--	1	68	74	--	--	108	116
South Carolina	149	187	-20.0%	40	36	NM	NM	--	--	108	149
Virginia	196	202	-3.2%	30	43	59	57	20	16	86	87
West Virginia	--	*	-100.0%	--	*	--	--	--	--	--	--
East South Central	469	515	-8.9%	8	8	NM	27	--	--	441	480
Alabama	NM	270	NM	NM	NM	18	25	--	--	NM	245
Kentucky	35	35	-0.5%	8	8	--	--	--	--	27	27
Mississippi	102	NM	NM	*	*	--	--	--	--	102	NM
Tennessee	NM	81	NM	--	--	NM	2	--	--	85	79
West South Central	506	532	-4.8%	--	--	72	49	NM	3	430	480
Arkansas	NM	145	NM	--	--	NM	5	NM	NM	123	140
Louisiana	NM	227	NM	--	--	NM	7	--	--	193	NM
Oklahoma	27	29	-4.8%	--	--	--	--	--	--	27	29
Texas	152	131	16.0%	--	--	62	37	NM	NM	87	91
Mountain	67	68	-2.2%	NM	NM	31	32	NM	NM	NM	34
Arizona	NM	16	NM	NM	2	12	13	NM	NM	--	--
Colorado	NM	NM	NM	NM	NM	NM	5	--	--	--	--
Idaho	NM	NM	NM	--	--	NM	NM	--	--	NM	34
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	NM	NM	NM	--	--	NM	NM	--	--	--	--
Utah	NM	5	NM	--	--	NM	5	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	635	712	-11.0%	31	77	352	425	94	35	157	174
California	491	507	-3.3%	20	20	323	393	92	33	55	61
Oregon	56	56	-1.2%	NM	6	NM	22	NM	NM	29	26
Washington	88	148	-40.0%	NM	51	10	10	--	--	73	87
Pacific Noncontiguous	25	28	-11.0%	7	3	--	--	9	16	9	9
Alaska	NM	NM	NM	--	--	--	--	--	--	NM	NM
Hawaii	25	27	-11.0%	7	3	--	--	9	16	9	8
U.S. Total	4,641	4,928	-5.8%	254	299	1,867	2,092	NM	NM	2,202	2,392

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.18.B. Net Generation from Biomass by State, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	3,505	3,396	3.2%	264	212	2,359	2,326	83	54	798	804
Connecticut	NM	NM	NM	--	--	NM	NM	--	--	--	--
Maine	1,617	1,622	-0.4%	--	--	761	765	57	53	798	804
Massachusetts	649	625	3.9%	--	--	623	624	26	NM	--	--
New Hampshire	583	522	12.0%	165	113	417	410	--	--	--	--
Rhode Island	69	68	1.5%	--	--	69	68	--	--	--	--
Vermont	202	199	1.2%	99	100	103	100	--	--	--	--
Middle Atlantic	2,670	2,635	1.3%	--	--	2,114	2,091	204	185	351	NM
New Jersey	419	403	4.1%	--	--	398	331	21	72	--	--
New York	1,026	1,033	-0.7%	--	--	832	859	74	55	120	119
Pennsylvania	1,225	1,199	2.1%	--	--	884	901	110	57	231	NM
East North Central	2,704	2,700	0.2%	261	249	1,511	1,522	NM	NM	846	825
Illinois	349	361	-3.2%	--	--	349	360	NM	NM	--	*
Indiana	156	151	2.8%	137	134	--	--	11	10	7	7
Michigan	1,169	1,210	-3.4%	--	--	794	796	NM	NM	326	341
Ohio	339	331	2.5%	--	--	150	146	--	--	189	185
Wisconsin	692	647	6.9%	123	115	NM	NM	NM	NM	323	292
West North Central	1,021	1,066	-4.2%	252	264	504	496	24	21	242	284
Iowa	85	84	1.2%	20	19	45	44	13	12	7	9
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	861	908	-5.2%	183	198	448	439	NM	NM	228	268
Missouri	NM	NM	NM	23	22	11	11	--	--	NM	NM
Nebraska	35	34	2.4%	27	26	--	NM	8	6	--	--
North Dakota	5	6	-18.0%	--	--	--	--	--	--	5	6
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	7,261	7,294	-0.5%	436	459	2,294	2,291	145	145	4,386	4,399
Delaware	51	66	-22.0%	--	--	51	66	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	2,220	2,213	0.3%	25	23	1,218	1,252	38	18	939	920
Georgia	1,589	1,538	3.3%	--	*	67	68	10	10	1,511	1,460
Maryland	274	289	-5.1%	2	NM	178	185	26	21	68	81
North Carolina	1,025	1,035	-1.0%	*	1	413	404	--	--	612	630
South Carolina	1,052	1,039	1.2%	247	216	11	11	--	--	794	813
Virginia	1,049	1,113	-5.8%	162	217	356	305	70	96	462	496
West Virginia	--	*	-100.0%	--	*	--	--	--	--	--	--
East South Central	2,796	2,922	-4.3%	49	47	111	104	--	--	2,636	2,771
Alabama	1,430	1,509	-5.2%	NM	NM	99	91	--	--	1,330	1,416
Kentucky	161	225	-28.0%	48	46	--	--	--	--	114	179
Mississippi	712	NM	NM	*	*	--	--	--	--	712	NM
Tennessee	492	472	4.2%	--	--	12	12	--	--	480	460
West South Central	2,873	2,912	-1.3%	--	--	315	274	20	20	2,537	2,618
Arkansas	823	821	0.4%	--	--	25	26	NM	NM	796	792
Louisiana	1,122	1,198	-6.3%	--	--	40	39	--	--	NM	NM
Oklahoma	161	160	0.7%	--	--	--	--	--	--	161	160
Texas	766	733	4.5%	--	--	250	209	18	18	497	507
Mountain	402	373	7.8%	NM	NM	191	170	NM	NM	NM	188
Arizona	95	79	21.0%	13	12	81	65	NM	NM	--	--
Colorado	NM	NM	NM	NM	NM	29	28	--	--	--	--
Idaho	242	231	4.8%	--	--	46	43	--	--	NM	188
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	6	6	1.4%	--	--	6	6	--	--	--	--
Utah	29	28	3.0%	--	--	29	28	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	3,987	4,119	-3.2%	307	403	2,159	2,474	497	207	1,023	1,034
California	2,922	2,944	-0.7%	122	124	1,987	2,289	486	197	328	334
Oregon	315	360	-13.0%	34	33	112	127	11	11	158	190
Washington	749	814	-8.0%	152	245	60	58	--	--	538	511
Pacific Noncontiguous	NM	NM	NM	11	26	--	--	79	91	NM	NM
Alaska	NM	NM	NM	--	--	--	--	--	--	NM	NM
Hawaii	NM	NM	NM	11	26	--	--	79	91	NM	NM
U.S. Total	27,361	27,586	-0.8%	1,593	1,674	11,558	11,748	1,140	829	13,069	13,335

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

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

**Table 1.19.A. Net Generation from Geothermal by Census Division, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	--	--	NM	--	--	--	--	--	--	--	--
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	--	--	NM	--	--	--	--	--	--	--	--
Pennsylvania	--	--	NM	--	--	--	--	--	--	--	--
East North Central	--	--	NM	--	--	--	--	--	--	--	--
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	--	--	NM	--	--	--	--	--	--	--	--
Ohio	--	--	NM	--	--	--	--	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	--	--	NM	--	--	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	--	--	NM	--	--	--	--	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	--	--	NM	--	--	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	--	--	NM	--	--	--	--	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	--	--	NM	--	--	--	--	--	--	--	--
Mountain	281	251	12.0%	21	23	260	228	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	8	7	0.5%	--	--	8	7	--	--	--	--
Montana	14	--	NM	--	--	14	--	--	--	--	--
Nevada	237	221	7.6%	--	--	237	221	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	22	23	-4.2%	21	23	NM	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	1,090	1,093	-0.2%	71	63	1,019	1,030	--	--	--	--
California	1,090	1,093	-0.2%	71	63	1,019	1,030	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	22	19	18.0%	--	--	22	19	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	22	19	18.0%	--	--	22	19	--	--	--	--
U.S. Total	1,394	1,363	2.3%	92	86	1,301	1,277	--	--	--	--

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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**Table 1.19.B. Net Generation from Geothermal by Census Division, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	--	--	NM	--	--	--	--	--	--	--	--
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	--	--	NM	--	--	--	--	--	--	--	--
Pennsylvania	--	--	NM	--	--	--	--	--	--	--	--
East North Central	--	--	NM	--	--	--	--	--	--	--	--
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	--	--	NM	--	--	--	--	--	--	--	--
Ohio	--	--	NM	--	--	--	--	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	NM	--	NM	--	--	NM	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	NM	--	NM	--	--	NM	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	--	--	NM	--	--	--	--	--	--	--	--
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	--	NM	--	--	--	--	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	--	--	NM	--	--	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	--	--	NM	--	--	--	--	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	--	--	NM	--	--	--	--	--	--	--	--
Mountain	1,587	1,553	2.2%	134	140	1,454	1,413	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	NM	--	NM	--	--	NM	--	--	--	--	--
Idaho	46	46	-0.8%	--	--	46	46	--	--	--	--
Montana	14	--	NM	--	--	14	--	--	--	--	--
Nevada	1,385	1,365	1.5%	--	--	1,385	1,365	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	137	141	-3.0%	134	140	NM	NM	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	6,704	6,738	-0.5%	429	420	6,275	6,319	--	--	--	--
California	6,704	6,738	-0.5%	429	420	6,275	6,319	--	--	--	--
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	131	115	14.0%	--	--	131	115	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	131	115	14.0%	--	--	131	115	--	--	--	--
U.S. Total	8,424	8,406	0.2%	563	560	7,861	7,846	--	--	--	--

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.20.A. Net Generation from Solar by Census Division, by Sector, June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	NM	NM	NM	--	--	NM	NM	--	--	--	--
Middle Atlantic	50	NM	NM	NM	NM	40	NM	NM	NM	NM	NM
New Jersey	39	NM	NM	NM	NM	30	NM	NM	NM	NM	--
New York	6	NM	NM	--	--	6	NM	NM	--	--	--
Pennsylvania	NM	NM	NM	--	--	NM	NM	NM	NM	NM	NM
East North Central	NM	NM	NM	NM	NM	NM	NM	--	--	--	--
Illinois	2	2	0.2%	--	--	2	2	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	--	--	NM	--	--	--	--	--	--	--	--
Ohio	NM	NM	NM	NM	NM	NM	NM	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	--	--	NM	--	--	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	31	NM	NM	16	NM	NM	NM	NM	--	--	NM
Delaware	NM	NM	NM	NM	--	NM	NM	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	22	NM	NM	15	6	NM	NM	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	NM	NM	NM	NM	--	NM	NM	NM	--	--	--
North Carolina	NM	NM	NM	NM	NM	NM	NM	--	--	--	NM
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	--	--	NM	--	--	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	12	NM	NM	--	--	12	NM	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	12	NM	NM	--	--	12	NM	--	--	--	--
Mountain	212	64	232.0%	NM	NM	190	61	7	NM	NM	NM
Arizona	98	NM	NM	NM	NM	83	NM	NM	--	--	--
Colorado	21	NM	NM	--	--	19	NM	NM	NM	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	58	40	47.0%	--	--	53	39	5	--	NM	NM
New Mexico	34	NM	NM	--	--	34	NM	--	--	--	--
Utah	NM	--	NM	--	--	NM	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	181	149	22.0%	28	NM	149	131	NM	NM	--	--
California	180	139	30.0%	27	NM	149	131	NM	NM	--	--
Oregon	NM	--	NM	NM	--	NM	--	--	--	--	--
Washington	*	10	-99.0%	*	10	--	--	--	--	--	--
Pacific Noncontiguous	NM	NM	NM	--	--	NM	NM	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	NM	NM	NM	--	--	NM	NM	--	--	--	--
U.S. Total	500	257	95.0%	68	NM	416	223	15	NM	NM	NM

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 1.20.B. Net Generation from Solar by Census Division, by Sector, Year-to-Date through June 2012 and 2011**  
(Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	NM	NM	NM	--	--	NM	NM	--	--	--	--
Middle Atlantic	181	NM	NM	23	NM	144	NM	NM	NM	NM	NM
New Jersey	131	NM	NM	23	NM	100	NM	NM	NM	NM	--
New York	29	NM	NM	--	--	28	NM	NM	--	--	--
Pennsylvania	21	NM	NM	--	--	16	NM	NM	NM	NM	NM
East North Central	26	NM	NM	1	1	25	NM	--	--	--	--
Illinois	7	7	4.2%	--	--	7	7	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	--	--	NM	--	--	--	--	--	--	--	--
Ohio	19	NM	NM	1	1	18	NM	--	--	--	--
Wisconsin	--	--	NM	--	--	--	--	--	--	--	--
West North Central	--	--	NM	--	--	--	--	--	--	--	--
Iowa	--	--	NM	--	--	--	--	--	--	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	155	87	78.0%	91	64	64	NM	NM	--	--	NM
Delaware	NM	NM	NM	NM	--	NM	NM	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	112	74	50.0%	86	60	26	NM	--	--	--	--
Georgia	--	--	NM	--	--	--	--	--	--	--	--
Maryland	NM	NM	NM	NM	--	NM	NM	NM	--	--	--
North Carolina	28	NM	NM	NM	NM	25	NM	--	--	--	NM
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	--	--	NM	--	--	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	--	--	NM	--	--	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	44	NM	NM	--	--	44	NM	--	--	--	--
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	--	--	NM	--	--	--	--	--	--	--	--
Oklahoma	--	--	NM	--	--	--	--	--	--	--	--
Texas	44	NM	NM	--	--	44	NM	--	--	--	--
Mountain	670	246	172.0%	55	NM	592	234	23	NM	NM	NM
Arizona	276	NM	NM	55	NM	220	NM	NM	--	--	--
Colorado	66	NM	NM	--	--	60	NM	NM	NM	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	--	--	NM	--	--	--	--	--	--	--	--
Nevada	204	154	33.0%	--	--	189	153	15	--	NM	NM
New Mexico	123	40	211.0%	--	--	123	40	--	--	--	--
Utah	NM	--	NM	--	--	NM	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	573	428	34.0%	70	NM	490	384	NM	NM	NM	--
California	569	409	39.0%	68	NM	488	384	NM	NM	NM	--
Oregon	NM	--	NM	NM	--	NM	--	--	--	--	--
Washington	*	19	-98.0%	*	19	--	--	--	--	--	--
Pacific Noncontiguous	NM	NM	NM	--	--	NM	NM	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	NM	NM	NM	--	--	NM	NM	--	--	--	--
U.S. Total	1,664	843	97.0%	246	129	1,366	706	44	NM	NM	NM

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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



**Table 2.1.A. Coal: Consumption for Electricity Generation, by Sector 2002-June 2012**  
(Thousand Tons)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
<b>Annual Totals</b>						
2002	987,583	767,803	207,448		477	11,855
2003	1,014,058	757,384	245,652		582	10,440
2004	1,020,523	772,224	240,235		377	7,687
2005	1,041,448	761,349	272,218		377	7,504
2006	1,030,556	753,390	269,412		347	7,408
2007	1,046,795	764,765	276,581		361	5,089
2008	1,042,335	760,326	276,565		369	5,075
2009	934,683	695,615	234,077		317	4,674
2010	979,684	721,431	249,814		314	8,125
2011	932,911	688,436	236,087		297	8,091
<b>2010</b>						
January	90,767	67,211	22,869		32	654
February	80,209	59,279	20,258		28	643
March	76,544	56,252	19,520		26	746
April	67,037	49,997	16,562		23	456
May	76,061	56,847	18,464		23	727
June	87,395	64,891	21,833		27	643
July	94,993	69,933	24,261		30	769
August	94,786	69,860	24,061		29	835
September	79,573	58,199	20,682		26	666
October	70,918	51,353	18,851		23	690
November	72,756	52,962	19,244		21	529
December	88,645	64,645	23,208		26	765
<b>2011</b>						
January	90,106	66,014	23,291		30	771
February	73,505	54,347	18,466		28	663
March	72,340	54,001	17,670		28	641
April	66,870	49,405	17,006		22	437
May	73,511	54,978	17,765		23	746
June	84,072	62,639	20,721		24	688
July	94,214	69,803	23,585		28	798
August	92,177	68,049	23,291		26	811
September	76,612	55,781	20,039		23	769
October	69,524	50,619	18,161		20	725
November	66,789	48,760	17,500		20	509
December	73,190	54,041	18,592		24	533
<b>2012</b>						
January	70,595	52,308	17,556		25	706
February	62,802	46,854	15,292		25	631
March	57,564	43,477	13,430		22	634
April	51,574	39,707	11,461		19	387
May	62,958	47,002	15,593		20	342
June	71,698	53,758	17,547		22	371
<b>Year to Date</b>						
2010	478,013	354,478	119,506		159	3,870
2011	460,405	341,384	114,919		156	3,947
2012	377,191	283,106	90,879		134	3,071
<b>Rolling 12 Months Ending in June</b>						
2011	962,076	708,337	245,226		311	8,202
2012	849,697	630,159	212,047		276	7,215

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.

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 2.1.B. Coal: Consumption for Useful Thermal Output, by Sector 2002-June 2012**  
(Thousand Tons)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
<b>Annual Totals</b>						
2002	17,561	0	2,255	929	14,377	
2003	17,720	0	2,080	1,234	14,406	
2004	24,275	0	3,809	1,540	18,926	
2005	23,833	0	3,918	1,544	18,371	
2006	23,227	0	3,834	1,539	17,854	
2007	22,810	0	3,795	1,566	17,449	
2008	22,168	0	3,689	1,652	16,827	
2009	20,507	0	3,935	1,481	15,091	
2010	21,727	0	3,808	1,406	16,513	
2011	22,014	0	4,035	1,336	16,643	
<b>2010</b>						
January	1,972	0	371	160	1,440	
February	1,820	0	347	139	1,334	
March	1,839	0	338	123	1,378	
April	2,142	0	284	95	1,764	
May	1,664	0	285	95	1,283	
June	1,668	0	306	108	1,255	
July	1,790	0	325	112	1,354	
August	1,807	0	326	123	1,359	
September	1,677	0	296	107	1,275	
October	1,653	0	287	98	1,267	
November	1,740	0	308	107	1,325	
December	1,955	0	336	139	1,481	
<b>2011</b>						
January	2,074	0	377	148	1,548	
February	1,859	0	342	136	1,380	
March	1,914	0	338	129	1,447	
April	1,762	0	330	102	1,330	
May	1,842	0	358	104	1,380	
June	1,807	0	340	99	1,368	
July	1,865	0	349	106	1,410	
August	1,797	0	327	98	1,372	
September	1,740	0	311	98	1,331	
October	1,782	0	329	97	1,355	
November	1,727	0	297	103	1,327	
December	1,846	0	338	114	1,394	
<b>2012</b>						
January	1,892	0	367	129	1,396	
February	1,675	0	304	112	1,259	
March	1,700	0	304	109	1,287	
April	1,483	0	189	92	1,203	
May	1,666	0	232	96	1,338	
June	1,568	0	209	87	1,272	
<b>Year to Date</b>						
2010	11,105	0	1,930	720	8,454	
2011	11,258	0	2,084	720	8,454	
2012	9,985	0	1,604	625	7,755	
<b>Rolling 12 Months Ending in June</b>						
2011	21,880	0	3,962	1,406	16,513	
2012	20,741	0	3,555	1,242	15,944	

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.

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 2.1.C. Coal: Consumption for Electricity Generation and Useful Thermal Output, by Sector 2002-June 2012**  
(Thousand Tons)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
<b>Annual Totals</b>						
2002	1,005,144	767,803	209,703		1,405	26,232
2003	1,031,778	757,384	247,732		1,816	24,846
2004	1,044,798	772,224	244,044		1,917	26,613
2005	1,065,281	761,349	276,135		1,922	25,875
2006	1,053,783	753,390	273,246		1,886	25,262
2007	1,069,606	764,765	280,377		1,927	22,537
2008	1,064,503	760,326	280,254		2,021	21,902
2009	955,190	695,615	238,012		1,798	19,766
2010	1,001,411	721,431	253,621		1,720	24,638
2011	954,925	688,436	240,122		1,633	24,733
<b>2010</b>						
January	92,738	67,211	23,240		193	2,094
February	82,029	59,279	20,605		167	1,978
March	78,383	56,252	19,858		149	2,124
April	69,179	49,997	16,845		117	2,220
May	77,725	56,847	18,750		118	2,010
June	89,063	64,891	22,139		135	1,898
July	96,783	69,933	24,586		142	2,122
August	96,593	69,860	24,387		152	2,194
September	81,250	58,199	20,977		133	1,941
October	72,571	51,353	19,139		121	1,958
November	74,496	52,962	19,552		128	1,854
December	90,600	64,645	23,544		165	2,246
<b>2011</b>						
January	92,180	66,014	23,669		178	2,320
February	75,364	54,347	18,808		165	2,044
March	74,254	54,001	18,008		158	2,088
April	68,631	49,405	17,336		124	1,767
May	75,353	54,978	18,122		128	2,126
June	85,880	62,639	21,060		124	2,056
July	96,079	69,803	23,934		134	2,208
August	93,974	68,049	23,618		124	2,182
September	78,352	55,781	20,350		121	2,100
October	71,305	50,619	18,490		116	2,080
November	68,515	48,760	17,797		123	1,835
December	75,036	54,041	18,930		138	1,927
<b>2012</b>						
January	72,487	52,308	17,923		154	2,102
February	64,477	46,854	15,597		137	1,890
March	59,263	43,477	13,734		131	1,921
April	53,057	39,707	11,649		111	1,589
May	64,624	47,002	15,825		117	1,680
June	73,266	53,758	17,756		110	1,643
<b>Year to Date</b>						
2010	489,118	354,478	121,437		880	12,324
2011	471,663	341,384	117,003		876	12,400
2012	387,176	283,106	92,483		760	10,827
<b>Rolling 12 Months Ending in June</b>						
2011	983,956	708,337	249,188		1,716	24,715
2012	870,438	630,159	215,602		1,517	23,159

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.

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.

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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 2.2.A. Petroleum Liquids: Consumption for Electricity Generation, by Sector 2002-June 2012**  
(Thousand Barrels)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
<b>Annual Totals</b>					
2002	134,415	88,595	39,035	826	5,959
2003	175,136	105,319	61,420	882	7,514
2004	165,107	103,793	56,342	760	4,212
2005	165,137	98,223	62,154	580	4,180
2006	73,821	53,529	17,179	327	2,786
2007	82,433	56,910	22,793	250	2,480
2008	53,846	38,995	13,152	160	1,538
2009	43,562	31,847	9,880	184	1,652
2010	40,103	30,806	8,278	164	855
2011	26,728	20,469	5,521	109	629
<b>2010</b>					
January	5,587	4,381	1,083	17	106
February	2,156	1,599	454	15	88
March	2,178	1,775	325	11	66
April	2,013	1,633	306	10	63
May	3,168	2,593	496	14	65
June	4,485	3,667	750	13	55
July	5,228	3,545	1,589	26	68
August	4,245	3,232	944	15	54
September	2,844	2,154	622	13	56
October	2,029	1,581	369	10	69
November	2,001	1,487	436	5	73
December	4,170	3,161	903	14	91
<b>2011</b>					
January	3,170	2,118	973	13	66
February	1,985	1,535	388	9	53
March	2,095	1,694	342	7	52
April	2,407	2,037	300	6	63
May	2,241	1,832	361	7	41
June	2,375	1,758	554	9	55
July	2,870	1,877	934	15	43
August	2,264	1,761	445	9	49
September	1,898	1,498	324	8	68
October	1,776	1,451	265	11	49
November	1,754	1,435	270	7	41
December	1,896	1,474	364	7	50
<b>2012</b>					
January	1,895	1,510	330	6	49
February	1,511	1,228	232	4	47
March	1,568	1,317	205	5	41
April	1,657	1,367	223	8	58
May	1,834	1,412	369	8	44
June	2,282	1,713	509	16	44
<b>Year to Date</b>					
2010	19,586	15,647	3,414	81	444
2011	14,272	10,973	2,918	51	330
2012	10,747	8,549	1,868	47	282
<b>Rolling 12 Months Ending in June</b>					
2011	34,788	26,132	7,782	134	740
2012	23,203	18,045	4,471	105	582

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

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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 2.2.B. Petroleum Liquids: Consumption for Useful Thermal Output, by Sector 2002-June 2012**  
(Thousand Barrels)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
<b>Annual Totals</b>					
2002	12,228	0	286	384	11,558
2003	14,124	0	1,197	512	12,414
2004	20,654	0	1,501	1,203	17,951
2005	20,494	0	1,392	1,004	18,097
2006	14,077	0	1,153	559	12,365
2007	13,462	0	1,303	441	11,718
2008	7,533	0	1,311	461	5,762
2009	8,128	0	1,301	293	6,534
2010	4,866	0	1,086	212	3,567
2011	3,527	0	1,040	141	2,346
<b>2010</b>					
January	606	0	105	31	470
February	504	0	78	26	401
March	335	0	46	7	281
April	355	0	86	9	260
May	340	0	93	14	232
June	304	0	89	13	202
July	392	0	90	34	268
August	337	0	91	26	220
September	313	0	88	9	215
October	398	0	95	5	298
November	431	0	128	8	296
December	552	0	97	31	424
<b>2011</b>					
January	432	0	116	25	291
February	307	0	73	10	225
March	298	0	76	15	207
April	325	0	85	9	231
May	273	0	84	10	180
June	278	0	84	13	181
July	283	0	88	19	175
August	275	0	94	11	171
September	273	0	91	7	175
October	300	0	88	8	204
November	240	0	84	8	148
December	243	0	77	8	158
<b>2012</b>					
January	269	0	96	16	157
February	186	0	65	5	116
March	212	0	55	6	152
April	192	0	66	5	121
May	206	0	86	7	113
June	228	0	89	11	128
<b>Year to Date</b>					
2010	2,443	0	497	100	1,845
2011	1,913	0	518	81	1,315
2012	1,294	0	458	50	787
<b>Rolling 12 Months Ending in June</b>					
2011	4,337	0	1,107	193	3,037
2012	2,907	0	980	110	1,818

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

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Totals may not equal sum of components because of independent rounding.

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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 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output, by Sector 2002-June 2012**  
(Thousand Barrels)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
<b>Annual Totals</b>					
2002	146,643	88,595	39,320	1,210	17,517
2003	189,260	105,319	62,617	1,394	19,929
2004	185,761	103,793	57,843	1,963	22,162
2005	185,631	98,223	63,546	1,584	22,278
2006	87,898	53,529	18,332	886	15,150
2007	95,895	56,910	24,097	691	14,198
2008	61,379	38,995	14,463	621	7,300
2009	51,690	31,847	11,181	477	8,185
2010	44,968	30,806	9,364	376	4,422
2011	30,255	20,469	6,561	250	2,975
<b>2010</b>					
January	6,193	4,381	1,188	48	576
February	2,660	1,599	532	41	489
March	2,512	1,775	371	18	348
April	2,367	1,633	392	19	323
May	3,507	2,593	589	28	297
June	4,789	3,667	839	26	257
July	5,620	3,545	1,679	59	336
August	4,582	3,232	1,035	40	274
September	3,157	2,154	711	22	271
October	2,427	1,581	463	15	367
November	2,433	1,487	564	13	369
December	4,722	3,161	1,000	46	515
<b>2011</b>					
January	3,602	2,118	1,090	38	357
February	2,292	1,535	461	18	278
March	2,392	1,694	418	22	259
April	2,732	2,037	385	15	294
May	2,514	1,832	444	17	221
June	2,653	1,758	638	22	236
July	3,153	1,877	1,023	35	218
August	2,539	1,761	538	20	220
September	2,171	1,498	415	15	243
October	2,075	1,451	353	19	253
November	1,994	1,435	355	15	189
December	2,139	1,474	441	15	208
<b>2012</b>					
January	2,165	1,510	426	22	206
February	1,697	1,228	297	9	162
March	1,780	1,317	259	11	192
April	1,849	1,367	289	13	179
May	2,040	1,412	455	15	157
June	2,511	1,713	599	27	172
<b>Year to Date</b>					
2010	22,029	15,647	3,911	181	2,290
2011	16,185	10,973	3,436	132	1,645
2012	12,041	8,549	2,326	97	1,069
<b>Rolling 12 Months Ending in June</b>					
2011	39,125	26,132	8,889	327	3,777
2012	26,111	18,045	5,451	215	2,400

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

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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 2.3.A. Petroleum Coke: Consumption for Electricity Generation by Sector, 2002-June 2012**  
(Thousand Tons)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
<b>Annual Totals</b>						
2002	6,836	2,125	3,580		2	1,130
2003	6,303	2,554	3,166		2	582
2004	7,677	4,150	2,985		1	541
2005	8,330	4,130	3,746		1	452
2006	7,363	3,619	3,286		1	456
2007	6,036	2,808	2,715		2	512
2008	5,417	2,296	2,704		1	416
2009	4,821	2,761	1,724		1	335
2010	4,994	3,325	1,354		2	313
2011	4,561	3,172	1,110		1	279
<b>2010</b>						
January	433	283	121		0	29
February	404	258	120		0	25
March	438	308	108		0	23
April	382	253	107		0	22
May	415	261	129		0	25
June	493	319	144		0	30
July	524	340	155		0	29
August	423	286	106		0	31
September	394	296	75		0	23
October	362	245	92		0	25
November	317	201	89		0	27
December	408	274	108		0	25
<b>2011</b>						
January	526	393	101		0	32
February	387	260	106		0	21
March	465	305	135		0	25
April	304	195	87		0	21
May	316	199	97		0	20
June	388	273	91		0	24
July	479	342	109		0	28
August	415	299	90		0	26
September	392	296	74		0	23
October	307	220	68		0	19
November	250	156	77		0	17
December	331	234	75		0	22
<b>2012</b>						
January	414	256	75		0	82
February	314	192	71		0	51
March	251	107	94		0	50
April	204	121	33		0	50
May	234	140	47		0	47
June	225	130	46		0	49
<b>Year to Date</b>						
2010	2,565	1,682	729		1	153
2011	2,386	1,625	617		1	144
2012	1,642	946	366		0	329
<b>Rolling 12 Months Ending in June</b>						
2011	4,815	3,268	1,241		1	304
2012	3,817	2,493	859		1	464

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

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**Table 2.3.B. Petroleum Coke: Consumption for Useful Thermal Output by Sector, 2002-June 2012**  
(Thousand Tons)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
<b>Annual Totals</b>						
2002	517	0	111		6	399
2003	763	0	80		9	675
2004	1,043	0	237		8	798
2005	783	0	206		8	568
2006	1,259	0	195		9	1,055
2007	1,262	0	162		11	1,090
2008	897	0	119		9	769
2009	1,007	0	126		8	873
2010	1,059	0	98		11	950
2011	1,105	0	113		6	987
<b>2010</b>						
January	92	0	10		1	81
February	93	0	10		1	82
March	84	0	12		1	71
April	76	0	9		1	66
May	84	0	10		0	75
June	93	0	8		0	86
July	89	0	8		0	80
August	87	0	2		1	84
September	82	0	2		1	79
October	91	0	9		1	81
November	97	0	11		1	84
December	91	0	9		2	81
<b>2011</b>						
January	75	0	5		1	69
February	103	0	9		1	93
March	107	0	11		1	95
April	105	0	9		0	96
May	118	0	11		0	107
June	87	0	9		0	78
July	87	0	11		0	76
August	82	0	11		0	72
September	73	0	10		0	62
October	81	0	7		0	74
November	109	0	9		1	99
December	77	0	10		1	65
<b>2012</b>						
January	73	0	11		1	60
February	74	0	11		1	62
March	121	0	11		1	109
April	102	0	9		0	93
May	104	0	11		0	92
June	84	0	6		0	78
<b>Year to Date</b>						
2010	522	0	58		4	460
2011	596	0	54		4	538
2012	558	0	58		4	495
<b>Rolling 12 Months Ending in June</b>						
2011	1,132	0	95		10	1,027
2012	1,067	0	117		6	944

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

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**Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output, by Sector 2002-June 2012**  
(Thousand Tons)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
<b>Annual Totals</b>						
2002	7,353	2,125	3,691		8	1,529
2003	7,067	2,554	3,245		11	1,257
2004	8,721	4,150	3,223		9	1,339
2005	9,113	4,130	3,953		9	1,020
2006	8,622	3,619	3,482		10	1,511
2007	7,299	2,808	2,877		12	1,602
2008	6,314	2,296	2,823		10	1,184
2009	5,828	2,761	1,850		9	1,209
2010	6,053	3,325	1,452		12	1,264
2011	5,666	3,172	1,223		6	1,265
<b>2010</b>						
January	525	283	130		1	110
February	497	258	131		1	106
March	522	308	119		1	94
April	458	253	116		1	88
May	500	261	139		0	100
June	586	319	151		0	116
July	613	340	163		0	109
August	510	286	108		1	115
September	475	296	76		1	102
October	453	245	101		1	106
November	414	201	100		2	111
December	499	274	117		2	106
<b>2011</b>						
January	602	393	107		1	100
February	490	260	115		1	115
March	573	305	145		1	121
April	409	195	96		0	117
May	434	199	107		0	128
June	475	273	101		0	101
July	566	342	120		0	104
August	498	299	101		0	98
September	465	296	84		0	85
October	388	220	75		0	93
November	358	156	86		1	116
December	408	234	85		2	88
<b>2012</b>						
January	487	256	86		2	143
February	388	192	82		1	113
March	372	107	104		1	159
April	305	121	42		0	142
May	338	140	58		0	140
June	309	130	52		0	128
<b>Year to Date</b>						
2010	3,088	1,682	787		5	614
2011	2,982	1,625	671		4	682
2012	2,200	946	425		4	824
<b>Rolling 12 Months Ending in June</b>						
2011	5,947	3,268	1,336		11	1,332
2012	4,884	2,493	976		7	1,408

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

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**Table 2.4.A. Natural Gas: Consumption for Electricity Generation, by Sector 2002-June 2012**  
(Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
<b>Annual Totals</b>						
2002	6,126,062	2,259,684	3,148,595		32,545	685,239
2003	5,616,135	1,763,764	3,145,485		38,480	668,407
2004	5,674,580	1,809,443	3,265,896		32,839	566,401
2005	6,036,370	2,134,859	3,349,921		33,785	517,805
2006	6,461,615	2,478,396	3,412,826		34,623	535,770
2007	7,089,342	2,736,418	3,765,194		34,087	553,643
2008	6,895,843	2,730,134	3,612,197		33,403	520,109
2009	7,121,069	2,911,279	3,655,712		34,279	519,799
2010	7,680,185	3,290,993	3,794,423		39,462	555,307
2011	7,880,481	3,378,222	3,900,340		37,773	564,146
<b>2010</b>						
January	570,204	244,970	274,050		3,162	48,023
February	501,790	211,934	244,016		2,894	42,945
March	478,851	207,974	223,630		2,972	44,275
April	493,588	210,270	238,616		2,709	41,994
May	582,287	261,882	273,632		2,661	44,111
June	731,357	314,471	366,984		2,931	46,970
July	922,648	387,996	480,611		3,659	50,382
August	971,855	411,663	503,418		3,847	52,927
September	723,230	306,156	365,331		3,447	48,295
October	594,338	260,110	287,180		3,471	43,576
November	519,375	219,357	253,331		3,345	43,341
December	590,663	254,209	283,622		4,364	48,467
<b>2011</b>						
January	563,832	233,072	278,829		3,413	48,518
February	503,124	203,170	253,401		2,981	43,573
March	503,889	211,803	244,771		2,899	44,416
April	548,297	238,912	261,446		2,925	45,014
May	602,778	265,648	285,846		3,120	48,163
June	728,673	326,977	351,796		3,077	46,823
July	965,584	425,152	487,217		3,538	49,676
August	947,850	415,830	478,457		3,340	50,222
September	709,700	303,177	357,592		2,960	45,971
October	599,942	260,894	292,528		2,946	43,574
November	567,665	235,483	282,333		3,140	46,709
December	639,148	258,104	326,123		3,434	51,486
<b>2012</b>						
January	676,045	281,378	341,913		3,163	49,591
February	672,419	273,450	349,185		2,858	46,926
March	703,513	295,395	359,296		2,838	45,984
April	744,469	324,214	373,002		2,794	44,459
May	843,453	377,646	412,159		2,837	50,811
June	910,473	406,030	449,550		3,528	51,366
<b>Year to Date</b>						
2010	3,358,077	1,451,501	1,620,929		17,329	268,318
2011	3,450,593	1,479,582	1,676,090		18,414	276,507
2012	4,550,373	1,958,112	2,285,106		18,017	289,138
<b>Rolling 12 Months Ending in June</b>						
2011	7,772,700	3,319,073	3,849,584		40,547	563,496
2012	8,980,261	3,856,753	4,509,355		37,375	576,777

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.

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 2.4.B. Natural Gas: Consumption for Useful Thermal Output by Sector, 2002-June 2012**  
(Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
<b>Annual Totals</b>						
2002	860,024	0	263,619		41,435	554,970
2003	721,267	0	225,967		19,973	475,327
2004	1,052,100	0	388,424		39,233	624,443
2005	984,340	0	384,365		34,172	565,803
2006	942,817	0	330,878		33,112	578,828
2007	872,579	0	339,796		35,987	496,796
2008	793,537	0	326,048		32,813	434,676
2009	816,787	0	305,542		41,275	469,970
2010	821,775	0	301,769		46,324	473,683
2011	826,548	0	323,364		43,661	459,524
<b>2010</b>						
January	72,867	0	26,791		4,086	41,990
February	64,030	0	23,665		3,731	36,634
March	68,097	0	25,259		3,612	39,225
April	62,604	0	22,596		3,279	36,729
May	64,675	0	24,150		3,079	37,446
June	64,855	0	24,210		3,254	37,391
July	74,050	0	28,575		4,452	41,023
August	74,748	0	27,921		4,955	41,872
September	67,954	0	25,235		4,034	38,685
October	67,393	0	23,073		3,960	40,361
November	66,220	0	23,851		3,786	38,583
December	74,282	0	26,442		4,096	43,744
<b>2011</b>						
January	75,394	0	30,315		4,193	40,886
February	64,732	0	25,653		3,544	35,535
March	66,535	0	26,119		3,447	36,969
April	66,208	0	25,599		3,345	37,264
May	68,469	0	26,261		3,591	38,617
June	65,677	0	26,223		3,315	36,139
July	71,692	0	29,831		3,706	38,155
August	71,862	0	29,139		3,590	39,132
September	67,352	0	25,677		3,398	38,278
October	66,238	0	25,058		3,511	37,670
November	68,083	0	25,429		3,812	38,842
December	74,306	0	28,061		4,208	42,036
<b>2012</b>						
January	76,864	0	28,024		4,296	44,543
February	70,567	0	26,537		4,046	39,984
March	71,653	0	25,356		3,286	43,011
April	69,420	0	26,859		2,916	39,645
May	71,043	0	28,970		2,686	39,387
June	72,889	0	28,166		3,992	40,732
<b>Year to Date</b>						
2010	397,128	0	146,671		21,042	229,415
2011	407,014	0	160,169		21,435	225,410
2012	432,435	0	163,912		21,222	247,301
<b>Rolling 12 Months Ending in June</b>						
2011	831,661	0	315,266		46,718	469,677
2012	851,969	0	327,107		43,447	481,415

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.

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 2.4.C. Natural Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector 2002-June 2012**  
(Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
<b>Annual Totals</b>						
2002	6,986,087	2,259,684	3,412,213		73,980	1,240,209
2003	6,337,402	1,763,764	3,371,452		58,453	1,143,734
2004	6,726,679	1,809,443	3,654,320		72,072	1,190,844
2005	7,020,709	2,134,859	3,734,286		67,957	1,083,607
2006	7,404,432	2,478,396	3,743,704		67,735	1,114,597
2007	7,961,922	2,736,418	4,104,991		70,074	1,050,439
2008	7,689,380	2,730,134	3,938,245		66,216	954,785
2009	7,937,856	2,911,279	3,961,254		75,555	989,769
2010	8,501,960	3,290,993	4,096,192		85,786	1,028,990
2011	8,707,029	3,378,222	4,223,703		81,433	1,023,670
<b>2010</b>						
January	643,072	244,970	300,842		7,248	90,013
February	565,820	211,934	267,681		6,626	79,580
March	546,948	207,974	248,889		6,584	83,501
April	556,192	210,270	261,212		5,988	78,722
May	646,962	261,882	297,782		5,740	81,557
June	796,212	314,471	391,194		6,185	84,362
July	996,697	387,996	509,185		8,111	91,405
August	1,046,602	411,663	531,340		8,801	94,799
September	791,184	306,156	390,566		7,481	86,980
October	661,732	260,110	310,253		7,431	83,937
November	585,595	219,357	277,182		7,131	81,924
December	664,945	254,209	310,065		8,461	92,210
<b>2011</b>						
January	639,226	233,072	309,144		7,606	89,404
February	567,856	203,170	279,053		6,525	79,108
March	570,424	211,803	270,890		6,346	81,385
April	614,505	238,912	287,045		6,271	82,278
May	671,246	265,648	312,107		6,711	86,780
June	794,349	326,977	378,019		6,391	82,962
July	1,037,276	425,152	517,049		7,244	87,831
August	1,019,712	415,830	507,597		6,931	89,355
September	777,052	303,177	383,268		6,358	84,249
October	666,180	260,894	317,586		6,456	81,244
November	635,749	235,483	307,762		6,952	85,551
December	713,453	258,104	354,184		7,643	93,523
<b>2012</b>						
January	752,908	281,378	369,938		7,459	94,134
February	742,986	273,450	375,722		6,904	86,910
March	775,166	295,395	384,651		6,124	88,995
April	813,889	324,214	399,861		5,711	84,103
May	914,496	377,646	441,129		5,523	90,198
June	983,362	406,030	477,716		7,519	92,098
<b>Year to Date</b>						
2010	3,755,205	1,451,501	1,767,600		38,370	497,734
2011	3,857,607	1,479,582	1,836,258		39,850	501,917
2012	4,982,807	1,958,112	2,449,017		39,239	536,439
<b>Rolling 12 Months Ending in June</b>						
2011	8,604,362	3,319,073	4,164,850		87,265	1,033,173
2012	9,832,230	3,856,753	4,836,462		80,823	1,058,192

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.

The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions.

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 2.5.A. Coal Consumption by State, by Sector, June 2012 and 2011  
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	78	218	-64.2%	12	81	65	136	--	--	NM	1
Connecticut	11	35	-69.6%	--	--	11	35	--	--	--	--
Maine	1	1	0.9%	--	--	*	*	--	--	*	*
Massachusetts	55	101	-46.2%	--	--	54	101	--	--	NM	NM
New Hampshire	12	81	-85.3%	12	81	--	--	--	--	--	--
Rhode Island	--	--	.	--	--	--	--	--	--	--	--
Vermont	--	--	.	--	--	--	--	--	--	--	--
Middle Atlantic	3,703	5,141	-28.0%	--	NM	3,655	5,074	NM	NM	48	62
New Jersey	69	223	-69.1%	--	--	69	223	--	--	--	--
New York	149	516	-71.1%	--	NM	144	505	--	--	5	6
Pennsylvania	3,485	4,402	-20.8%	--	--	3,443	4,346	NM	NM	42	56
East North Central	15,779	18,856	-16.3%	10,863	13,163	4,820	5,600	8	9	88	84
Illinois	4,206	4,867	-13.6%	552	583	3,604	4,232	--	--	50	52
Indiana	4,084	4,734	-13.7%	3,875	4,331	204	397	4	4	NM	NM
Michigan	2,443	3,003	-18.6%	2,416	2,971	21	21	4	4	2	6
Ohio	3,340	4,281	-22.0%	2,331	3,325	992	949	--	--	17	7
Wisconsin	1,707	1,971	-13.4%	1,689	1,952	--	--	NM	NM	17	19
West North Central	11,530	12,516	-7.9%	11,419	12,399	--	--	5	6	106	111
Iowa	1,841	2,002	-8.0%	1,775	1,934	--	--	3	3	63	65
Kansas	1,632	1,904	-14.3%	1,632	1,904	--	--	--	--	--	--
Minnesota	1,032	1,428	-27.7%	998	1,391	--	--	--	--	34	37
Missouri	3,871	4,299	-10.0%	3,867	4,295	--	--	2	3	NM	NM
Nebraska	1,173	1,147	2.3%	1,172	1,146	--	--	--	--	NM	NM
North Dakota	1,873	1,570	19.3%	1,866	1,563	--	--	--	--	7	7
South Dakota	108	165	-34.5%	108	165	--	--	--	--	--	--
South Atlantic	10,559	14,090	-25.1%	8,855	12,009	1,661	2,028	1	2	42	52
Delaware	72	90	-19.5%	--	--	72	90	--	--	--	--
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	1,857	2,302	-19.3%	1,772	2,186	81	111	--	--	4	5
Georgia	2,010	2,995	-32.9%	2,002	2,984	--	--	--	--	8	11
Maryland	546	851	-35.8%	--	--	543	846	--	--	4	5
North Carolina	1,978	2,543	-22.2%	1,913	2,460	59	75	1	1	5	7
South Carolina	1,022	1,519	-32.7%	1,018	1,514	--	1	--	--	4	4
Virginia	630	831	-24.2%	576	743	44	78	NM	NM	9	10
West Virginia	2,443	2,959	-17.4%	1,573	2,122	862	828	--	--	8	9
East South Central	7,740	9,301	-16.8%	7,544	9,077	167	195	NM	NM	28	28
Alabama	2,231	2,912	-23.4%	2,221	2,901	3	3	--	--	7	8
Kentucky	3,550	3,580	-0.8%	3,550	3,580	--	--	--	--	--	--
Mississippi	374	677	-44.8%	209	484	165	193	--	--	--	--
Tennessee	1,585	2,132	-25.6%	1,564	2,112	--	--	NM	NM	21	20
West South Central	13,746	15,291	-10.1%	7,160	7,966	6,572	7,020	--	--	14	305
Arkansas	1,585	1,531	3.5%	1,367	1,390	216	140	--	--	2	2
Louisiana	1,320	1,472	-10.4%	716	758	603	714	--	--	--	--
Oklahoma	1,727	2,053	-15.9%	1,613	1,907	102	131	--	--	12	15
Texas	9,114	10,234	-10.9%	3,463	3,911	5,651	6,036	--	--	--	288
Mountain	8,401	8,406	-0.1%	7,888	7,851	477	519	--	--	36	36
Arizona	1,812	1,912	-5.2%	1,806	1,905	--	--	--	--	6	7
Colorado	1,668	1,415	17.9%	1,665	1,411	3	4	--	--	--	--
Idaho	1	1	-5.1%	--	--	--	--	--	--	1	1
Montana	403	421	-4.3%	NM	NM	384	401	--	--	--	--
Nevada	75	241	-68.7%	39	186	37	55	--	--	--	--
New Mexico	1,285	1,312	-2.0%	1,285	1,312	--	--	--	--	--	--
Utah	1,187	1,250	-5.1%	1,136	1,196	NM	NM	--	--	25	24
Wyoming	1,968	1,853	6.2%	1,938	1,821	NM	NM	--	--	3	4
Pacific Contiguous	56	150	-62.7%	--	76	49	67	--	--	7	7
California	56	73	-23.8%	--	--	49	67	--	--	7	6
Oregon	--	76	-100.0%	--	76	--	--	--	--	--	--
Washington	*	*	-41.7%	--	--	--	--	--	--	*	*
Pacific Noncontiguous	106	103	3.3%	17	12	80	82	7	7	NM	NM
Alaska	41	36	15.4%	17	12	NM	17	7	7	--	--
Hawaii	65	67	-3.1%	--	--	64	66	--	--	NM	NM
U.S. Total	71,698	84,072	-14.7%	53,758	62,639	17,547	20,721	22	24	371	688

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*).

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 2.5.B. Coal Consumption by State, by Sector, Year-to-Date through June 2012 and 2011  
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	658	2,004	-67.2%	245	573	408	1,425	--	--	5	6
Connecticut	33	182	-82.0%	--	--	33	182	--	--	--	--
Maine	5	8	-35.5%	--	--	3	4	--	--	2	3
Massachusetts	375	1,241	-69.8%	--	--	372	1,239	--	--	3	3
New Hampshire	245	573	-57.3%	245	573	--	--	--	--	--	--
Rhode Island	--	--	.	--	--	--	--	--	--	--	--
Vermont	--	--	.	--	--	--	--	--	--	--	--
Middle Atlantic	20,129	27,143	-25.8%	NM	NM	19,829	26,776	*	1	299	344
New Jersey	284	1,078	-73.6%	--	--	284	1,078	--	--	--	--
New York	939	2,689	-65.1%	NM	NM	901	2,626	--	1	35	40
Pennsylvania	18,906	23,376	-19.1%	--	--	18,643	23,072	*	*	263	304
East North Central	84,887	102,703	-17.3%	58,321	71,416	26,023	30,701	42	56	501	529
Illinois	23,000	26,235	-12.3%	3,130	3,174	19,570	22,727	4	5	296	329
Indiana	21,911	25,195	-13.0%	20,226	22,853	1,661	2,317	18	19	6	6
Michigan	13,423	15,787	-15.0%	13,276	15,599	108	118	18	30	22	40
Ohio	18,230	24,349	-25.1%	13,472	18,768	4,685	5,539	--	--	73	41
Wisconsin	8,323	11,136	-25.3%	8,217	11,022	--	--	2	2	105	113
West North Central	62,843	72,068	-12.8%	62,174	71,377	--	--	29	35	640	655
Iowa	10,013	11,271	-11.2%	9,624	10,880	--	--	20	21	369	370
Kansas	7,940	9,905	-19.8%	7,940	9,905	--	--	--	--	--	--
Minnesota	6,098	8,689	-29.8%	5,886	8,470	--	--	--	--	211	219
Missouri	19,983	23,041	-13.3%	19,963	23,011	--	--	9	14	11	16
Nebraska	6,836	7,157	-4.5%	6,831	7,151	--	--	--	--	6	6
North Dakota	11,159	10,927	2.1%	11,116	10,883	--	--	--	--	43	44
South Dakota	814	1,078	-24.5%	814	1,078	--	--	--	--	--	--
South Atlantic	53,706	73,124	-26.6%	45,303	61,728	8,145	11,074	7	12	251	309
Delaware	257	422	-39.3%	--	--	257	422	--	--	--	--
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	9,209	11,514	-20.0%	8,802	10,891	386	592	--	--	21	31
Georgia	10,036	15,426	-34.9%	9,979	15,350	--	--	--	--	57	76
Maryland	2,628	4,742	-44.6%	--	--	2,608	4,716	--	--	21	26
North Carolina	9,823	13,032	-24.6%	9,474	12,561	317	426	3	7	28	38
South Carolina	5,734	7,388	-22.4%	5,705	7,347	2	10	--	--	28	31
Virginia	2,760	4,750	-41.9%	2,426	4,186	274	497	4	5	56	62
West Virginia	13,260	15,849	-16.3%	8,917	11,394	4,302	4,410	--	--	41	45
East South Central	37,818	49,523	-23.6%	36,295	48,123	1,355	1,227	2	2	166	171
Alabama	9,739	14,481	-32.7%	9,693	14,409	9	30	--	--	38	42
Kentucky	18,343	20,756	-11.6%	18,343	20,756	--	--	--	--	--	--
Mississippi	2,360	3,054	-22.7%	1,014	1,857	1,346	1,198	--	--	--	--
Tennessee	7,375	11,232	-34.3%	7,245	11,101	--	--	2	2	128	128
West South Central	67,203	80,870	-16.9%	36,312	41,381	29,852	37,722	--	--	1,040	1,767
Arkansas	8,653	8,421	2.7%	7,382	7,306	1,259	1,101	--	--	12	14
Louisiana	6,240	7,939	-21.4%	3,260	3,796	2,980	4,143	--	--	--	--
Oklahoma	8,826	10,839	-18.6%	8,305	10,135	455	617	--	--	65	87
Texas	43,485	53,671	-19.0%	17,365	20,144	25,157	31,861	--	--	962	1,666
Mountain	48,267	50,736	-4.9%	43,873	46,008	4,270	4,611	--	--	124	116
Arizona	10,195	10,878	-6.3%	10,164	10,837	--	--	--	--	31	40
Colorado	8,956	8,761	2.2%	8,940	8,739	16	22	--	--	--	--
Idaho	8	9	-4.3%	--	--	--	--	--	--	8	9
Montana	3,814	4,048	-5.8%	NM	129	3,697	3,919	--	--	--	--
Nevada	587	1,114	-47.4%	336	794	251	320	--	--	--	--
New Mexico	6,689	7,539	-11.3%	6,689	7,539	--	--	--	--	--	--
Utah	6,251	7,144	-12.5%	6,044	6,929	143	169	--	--	64	46
Wyoming	11,767	11,242	4.7%	11,584	11,040	162	181	--	--	21	21
Pacific Contiguous	1,063	1,635	-35.0%	477	673	546	922	--	--	40	41
California	313	409	-23.4%	--	--	278	372	--	--	35	37
Oregon	477	673	-29.1%	477	673	--	--	--	--	--	--
Washington	272	553	-50.8%	--	--	268	550	--	--	5	3
Pacific Noncontiguous	618	600	2.9%	105	82	452	461	54	50	NM	8
Alaska	256	231	11.2%	105	82	97	99	54	50	--	--
Hawaii	361	370	-2.2%	--	--	355	361	--	--	NM	8
U.S. Total	377,191	460,405	-18.1%	283,106	341,384	90,879	114,919	134	156	3,071	3,947

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 2.6.A. Petroleum Liquids Consumption by State, by Sector June 2012 and 2011  
(Thousand Barrels)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	177	89	99.3%	6	8	157	69	11	6	2	6
Connecticut	69	44	55.7%	NM	NM	69	44	--	--	NM	NM
Maine	29	14	103.0%	NM	NM	26	8	NM	NM	2	6
Massachusetts	74	23	218.1%	2	2	63	18	10	NM	NM	NM
New Hampshire	2	4	-40.2%	1	2	NM	NM	NM	1	NM	NM
Rhode Island	NM	NM	NM	NM	2	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	214	313	-31.5%	108	127	99	178	NM	NM	5	7
New Jersey	6	19	-68.4%	NM	NM	5	17	NM	NM	NM	NM
New York	155	219	-29.3%	106	125	43	87	NM	NM	5	7
Pennsylvania	53	75	-28.8%	NM	NM	52	74	NM	NM	NM	NM
East North Central	123	158	-22.3%	106	135	15	21	NM	NM	1	1
Illinois	10	16	-34.3%	3	4	7	11	NM	NM	NM	NM
Indiana	21	29	-28.6%	20	29	NM	NM	NM	NM	*	*
Michigan	25	36	-30.5%	24	35	--	NM	NM	*	*	*
Ohio	59	68	-12.8%	51	58	8	10	--	--	1	*
Wisconsin	8	10	-20.0%	8	9	*	*	NM	NM	NM	NM
West North Central	67	57	17.0%	66	56	NM	NM	NM	NM	NM	*
Iowa	30	26	13.6%	29	26	NM	NM	NM	NM	NM	NM
Kansas	9	5	73.4%	9	5	--	--	--	--	--	--
Minnesota	7	3	124.2%	7	3	NM	NM	NM	NM	NM	NM
Missouri	13	9	47.7%	13	9	--	--	NM	NM	--	--
Nebraska	2	8	-75.9%	2	8	--	--	--	--	--	--
North Dakota	5	6	-7.5%	5	6	--	--	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
South Atlantic	475	528	-10.1%	414	368	52	148	NM	NM	8	12
Delaware	7	11	-30.6%	NM	NM	7	10	--	--	--	--
District of Columbia	--	50	-100.0%	--	--	--	50	--	--	--	--
Florida	250	199	25.8%	248	196	NM	NM	--	--	NM	2
Georgia	19	12	59.6%	15	9	NM	NM	NM	NM	3	2
Maryland	31	73	-57.2%	NM	NM	30	72	NM	NM	*	*
North Carolina	25	37	-32.4%	23	35	NM	NM	NM	NM	NM	1
South Carolina	20	14	44.5%	19	12	--	--	NM	NM	1	2
Virginia	97	109	-10.5%	83	90	13	14	*	*	2	5
West Virginia	25	24	3.4%	25	24	--	--	--	--	--	--
East South Central	75	59	27.0%	71	56	NM	NM	--	--	4	3
Alabama	22	18	20.5%	18	15	NM	NM	--	--	3	2
Kentucky	23	20	14.0%	23	20	--	--	--	--	--	--
Mississippi	2	NM	NM	1	NM	--	--	--	--	1	*
Tennessee	28	20	43.4%	28	20	--	--	--	--	NM	NM
West South Central	63	22	181.7%	9	12	53	7	NM	NM	NM	3
Arkansas	2	5	-53.6%	2	2	1	2	--	--	NM	NM
Louisiana	6	5	28.6%	2	1	4	2	--	--	1	1
Oklahoma	NM	NM	NM	2	1	--	--	NM	NM	NM	NM
Texas	52	11	366.8%	3	7	49	2	NM	NM	NM	NM
Mountain	43	44	-1.9%	36	37	7	7	NM	NM	NM	NM
Arizona	5	9	-45.7%	5	9	--	--	NM	NM	NM	NM
Colorado	NM	6	NM	NM	6	--	--	--	--	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	5	6	-12.0%	NM	NM	5	6	--	--	--	--
Nevada	3	3	-22.8%	1	2	2	1	--	--	--	--
New Mexico	6	8	-30.1%	6	8	NM	--	--	NM	NM	NM
Utah	5	7	-28.5%	5	7	--	--	--	--	--	--
Wyoming	16	4	310.3%	16	4	--	--	--	--	NM	NM
Pacific Contiguous	15	11	31.4%	8	8	5	NM	NM	NM	2	2
California	11	6	97.7%	6	5	5	NM	NM	NM	NM	NM
Oregon	1	3	-76.7%	1	3	--	--	--	--	--	--
Washington	3	2	14.7%	NM	NM	NM	NM	NM	NM	2	2
Pacific Noncontiguous	1,032	1,094	-5.7%	890	951	121	122	NM	NM	19	20
Alaska	122	116	5.0%	116	108	--	--	NM	NM	6	7
Hawaii	910	978	-7.0%	775	843	121	122	*	*	14	13
U.S. Total	2,282	2,375	-3.9%	1,713	1,758	509	554	16	9	44	55

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 2.6.B. Petroleum Liquids Consumption by State, by Sector, Year-to-Date through June 2012 and 2011  
(Thousand Barrels)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	432	731	-40.8%	57	149	327	500	26	31	22	50
Connecticut	116	190	-39.1%	NM	3	114	187	--	--	NM	NM
Maine	106	211	-49.7%	NM	1	81	157	NM	NM	21	49
Massachusetts	167	221	-24.4%	17	46	131	155	19	20	NM	NM
New Hampshire	32	94	-66.1%	27	86	NM	NM	5	7	NM	NM
Rhode Island	10	12	-11.9%	9	10	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	582	1,468	-60.3%	177	412	359	995	9	NM	37	57
New Jersey	22	105	-79.3%	NM	NM	17	97	NM	NM	NM	NM
New York	347	882	-60.6%	173	405	133	422	7	3	34	52
Pennsylvania	213	481	-55.6%	NM	NM	210	476	NM	NM	1	2
East North Central	595	817	-27.2%	504	703	83	102	NM	3	7	9
Illinois	61	81	-24.8%	20	27	41	54	*	*	NM	NM
Indiana	110	161	-31.4%	107	154	NM	NM	NM	2	3	5
Michigan	151	203	-25.6%	147	199	1	NM	NM	2	2	2
Ohio	242	336	-28.1%	201	289	39	46	--	--	1	1
Wisconsin	31	36	-14.5%	29	34	1	1	NM	NM	NM	NM
West North Central	316	306	3.1%	306	300	6	2	NM	NM	2	2
Iowa	112	82	36.6%	111	81	NM	1	NM	NM	NM	NM
Kansas	37	42	-12.4%	37	42	--	--	--	--	--	--
Minnesota	29	28	1.7%	21	25	5	1	NM	NM	1	NM
Missouri	68	80	-14.6%	68	80	--	--	NM	NM	--	NM
Nebraska	26	33	-19.9%	26	33	--	--	--	--	--	--
North Dakota	34	34	-1.0%	33	33	--	--	NM	NM	1	NM
South Dakota	10	7	37.7%	9	7	NM	NM	NM	NM	--	--
South Atlantic	1,598	3,207	-50.2%	1,268	2,679	254	439	3	4	73	85
Delaware	23	48	-52.1%	NM	NM	23	47	--	--	--	--
District of Columbia	26	62	-58.6%	--	--	26	62	--	--	--	--
Florida	592	1,755	-66.3%	580	1,726	5	13	--	--	8	16
Georgia	115	120	-3.6%	78	84	NM	5	NM	2	35	29
Maryland	120	204	-41.0%	4	4	110	198	NM	NM	6	2
North Carolina	221	252	-12.3%	214	237	NM	NM	NM	NM	6	13
South Carolina	119	119	0.3%	110	107	--	--	NM	NM	9	11
Virginia	255	455	-44.0%	156	346	88	94	1	2	10	14
West Virginia	126	193	-34.6%	126	174	--	19	--	--	--	--
East South Central	374	510	-26.8%	357	477	2	10	--	--	14	23
Alabama	84	129	-34.6%	70	98	2	10	--	--	12	21
Kentucky	107	124	-13.9%	107	124	--	--	--	--	--	--
Mississippi	15	54	-72.5%	13	53	--	--	--	--	2	1
Tennessee	167	203	-17.5%	167	202	--	--	--	--	NM	NM
West South Central	259	315	-17.8%	67	181	173	122	NM	NM	18	11
Arkansas	29	53	-45.6%	18	29	10	23	--	--	1	1
Louisiana	37	60	-38.5%	13	39	15	16	--	--	9	5
Oklahoma	13	14	-4.8%	13	14	--	--	NM	NM	NM	NM
Texas	179	187	-4.3%	24	98	148	84	NM	NM	7	NM
Mountain	214	240	-11.1%	192	214	20	24	NM	NM	2	NM
Arizona	45	55	-19.3%	43	54	--	--	NM	NM	NM	2
Colorado	17	NM	NM	17	NM	*	6	--	*	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	14	15	-0.6%	NM	NM	14	14	--	--	--	--
Nevada	20	11	75.9%	14	7	6	4	--	--	--	--
New Mexico	40	NM	NM	40	NM	NM	--	--	NM	NM	NM
Utah	30	42	-29.9%	30	42	--	--	--	--	--	--
Wyoming	47	53	-10.6%	47	53	--	--	--	--	NM	NM
Pacific Contiguous	80	64	26.4%	39	40	26	13	NM	NM	15	10
California	51	34	50.3%	28	29	21	NM	NM	NM	NM	NM
Oregon	4	7	-43.3%	4	7	--	--	--	--	--	1
Washington	25	22	13.3%	6	NM	5	9	NM	NM	14	8
Pacific Noncontiguous	6,298	6,614	-4.8%	5,580	5,818	619	710	6	NM	93	NM
Alaska	832	769	8.2%	794	728	--	--	NM	NM	34	37
Hawaii	5,466	5,845	-6.5%	4,786	5,090	619	710	2	2	58	NM
U.S. Total	10,747	14,272	-24.7%	8,549	10,973	1,868	2,918	47	51	282	330

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 2.7.A. Petroleum Coke Consumption by State, by Sector, June 2012 and 2011  
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	--	--	.	--	--	--	--	--	--	--	--
Connecticut	--	--	.	--	--	--	--	--	--	--	--
Maine	--	--	.	--	--	--	--	--	--	--	--
Massachusetts	--	--	.	--	--	--	--	--	--	--	--
New Hampshire	--	--	.	--	--	--	--	--	--	--	--
Rhode Island	--	--	.	--	--	--	--	--	--	--	--
Vermont	--	--	.	--	--	--	--	--	--	--	--
Middle Atlantic	NM	NM	NM	--	--	--	2	--	--	NM	NM
New Jersey	--	--	.	--	--	--	--	--	--	--	--
New York	--	2	-100.0%	--	--	--	2	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	45	58	-22.1%	NM	15	37	38	--	--	5	5
Illinois	--	--	.	--	--	--	--	--	--	--	--
Indiana	--	--	.	--	--	--	--	--	--	--	--
Michigan	NM	5	NM	NM	NM	3	3	--	--	NM	1
Ohio	35	36	-3.4%	--	--	34	35	--	--	NM	1
Wisconsin	7	17	-61.8%	3	15	--	--	--	--	4	3
West North Central	--	4	-100.0%	--	4	--	--	--	--	--	--
Iowa	--	2	-100.0%	--	2	--	--	--	--	--	--
Kansas	--	1	-100.0%	--	1	--	--	--	--	--	--
Minnesota	--	--	.	--	--	--	--	--	--	--	--
Missouri	--	--	.	--	--	--	--	--	--	--	--
Nebraska	--	--	.	--	--	--	--	--	--	--	--
North Dakota	--	--	.	--	--	--	--	--	--	--	--
South Dakota	--	--	.	--	--	--	--	--	--	--	--
South Atlantic	8	69	-88.3%	4	62	--	--	--	--	4	6
Delaware	--	--	.	--	--	--	--	--	--	--	--
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	4	62	-93.9%	4	62	--	--	--	--	--	--
Georgia	4	6	-34.3%	--	--	--	--	--	--	4	6
Maryland	--	--	.	--	--	--	--	--	--	--	--
North Carolina	--	--	.	--	--	--	--	--	--	--	--
South Carolina	--	--	.	--	--	--	--	--	--	--	--
Virginia	--	--	.	--	--	--	--	--	--	--	--
West Virginia	--	--	.	--	--	--	--	--	--	--	--
East South Central	55	54	3.3%	55	54	--	--	--	--	--	--
Alabama	--	--	.	--	--	--	--	--	--	--	--
Kentucky	55	54	3.3%	55	54	--	--	--	--	--	--
Mississippi	--	--	.	--	--	--	--	--	--	--	--
Tennessee	--	--	.	--	--	--	--	--	--	--	--
West South Central	109	157	-30.3%	67	138	2	6	--	--	40	12
Arkansas	--	--	.	--	--	--	--	--	--	--	--
Louisiana	70	147	-52.4%	67	138	--	--	--	--	NM	8
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	39	10	303.1%	--	--	2	6	--	--	37	4
Mountain	5	14	-68.2%	--	--	5	14	--	--	--	--
Arizona	--	--	.	--	--	--	--	--	--	--	--
Colorado	--	--	.	--	--	--	--	--	--	--	--
Idaho	--	--	.	--	--	--	--	--	--	--	--
Montana	5	14	-68.2%	--	--	5	14	--	--	--	--
Nevada	--	--	.	--	--	--	--	--	--	--	--
New Mexico	--	--	.	--	--	--	--	--	--	--	--
Utah	--	--	.	--	--	--	--	--	--	--	--
Wyoming	--	--	.	--	--	--	--	--	--	--	--
Pacific Contiguous	NM	31	NM	--	--	NM	31	--	--	--	--
California	NM	31	NM	--	--	NM	31	--	--	--	--
Oregon	--	--	.	--	--	--	--	--	--	--	--
Washington	--	--	.	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	.	--	--	--	--	--	--	--	--
Alaska	--	--	.	--	--	--	--	--	--	--	--
Hawaii	--	--	.	--	--	--	--	--	--	--	--
U.S. Total	225	388	-41.9%	130	273	46	91	--	--	49	24

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 2.7.B. Petroleum Coke Consumption by State, by Sector, Year-to-Date through June 2012 and 2011  
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	--	--	.	--	--	--	--	--	--	--	--
Connecticut	--	--	.	--	--	--	--	--	--	--	--
Maine	--	--	.	--	--	--	--	--	--	--	--
Massachusetts	--	--	.	--	--	--	--	--	--	--	--
New Hampshire	--	--	.	--	--	--	--	--	--	--	--
Rhode Island	--	--	.	--	--	--	--	--	--	--	--
Vermont	--	--	.	--	--	--	--	--	--	--	--
Middle Atlantic	NM	73	NM	--	--	NM	71	--	--	NM	NM
New Jersey	--	--	.	--	--	--	--	--	--	--	--
New York	NM	71	NM	--	--	NM	71	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	243	342	-28.9%	23	97	191	210	--	--	30	35
Illinois	--	--	.	--	--	--	--	--	--	--	--
Indiana	--	--	.	--	--	--	--	--	--	--	--
Michigan	26	30	-14.4%	NM	NM	17	17	--	--	5	8
Ohio	178	199	-10.6%	--	--	174	193	--	--	4	6
Wisconsin	39	113	-65.2%	19	92	--	--	--	--	21	21
West North Central	5	25	-79.2%	5	24	--	--	*	1	--	--
Iowa	5	17	-69.4%	5	16	--	--	*	1	--	--
Kansas	--	8	-100.0%	--	8	--	--	--	--	--	--
Minnesota	--	--	.	--	--	--	--	--	--	--	--
Missouri	--	--	.	--	--	--	--	--	--	--	--
Nebraska	--	--	.	--	--	--	--	--	--	--	--
North Dakota	--	--	.	--	--	--	--	--	--	--	--
South Dakota	--	--	.	--	--	--	--	--	--	--	--
South Atlantic	164	354	-53.5%	135	315	--	--	--	--	30	39
Delaware	--	--	.	--	--	--	--	--	--	--	--
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	135	315	-57.2%	135	315	--	--	--	--	--	--
Georgia	30	39	-23.5%	--	--	--	--	--	--	30	39
Maryland	--	--	.	--	--	--	--	--	--	--	--
North Carolina	--	--	.	--	--	--	--	--	--	--	--
South Carolina	--	--	.	--	--	--	--	--	--	--	--
Virginia	--	--	.	--	--	--	--	--	--	--	--
West Virginia	--	--	.	--	--	--	--	--	--	--	--
East South Central	235	329	-28.7%	235	329	--	--	--	--	--	--
Alabama	--	--	.	--	--	--	--	--	--	--	--
Kentucky	235	329	-28.7%	235	329	--	--	--	--	--	--
Mississippi	--	--	.	--	--	--	--	--	--	--	--
Tennessee	--	--	.	--	--	--	--	--	--	--	--
West South Central	820	981	-16.4%	549	859	2	54	--	--	268	68
Arkansas	--	--	.	--	--	--	--	--	--	--	--
Louisiana	574	901	-36.3%	549	859	--	--	--	--	25	43
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	245	78	212.2%	--	--	2	54	--	--	243	25
Mountain	81	84	-3.5%	--	--	81	84	--	--	--	--
Arizona	--	--	.	--	--	--	--	--	--	--	--
Colorado	--	--	.	--	--	--	--	--	--	--	--
Idaho	--	--	.	--	--	--	--	--	--	--	--
Montana	81	84	-3.5%	--	--	81	84	--	--	--	--
Nevada	--	--	.	--	--	--	--	--	--	--	--
New Mexico	--	--	.	--	--	--	--	--	--	--	--
Utah	--	--	.	--	--	--	--	--	--	--	--
Wyoming	--	--	.	--	--	--	--	--	--	--	--
Pacific Contiguous	78	198	-60.4%	--	--	78	198	--	--	--	--
California	78	198	-60.4%	--	--	78	198	--	--	--	--
Oregon	--	--	.	--	--	--	--	--	--	--	--
Washington	--	--	.	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	.	--	--	--	--	--	--	--	--
Alaska	--	--	.	--	--	--	--	--	--	--	--
Hawaii	--	--	.	--	--	--	--	--	--	--	--
U.S. Total	1,642	2,386	-31.2%	946	1,625	366	617	*	1	329	144

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 2.8.A. Natural Gas Consumptions by State, by Sector, June 2012 and 2011  
(Million Cubic Feet)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	40,300	38,325	5.2%	441	317	37,699	35,902	417	407	1,743	1,699
Connecticut	9,851	9,495	3.7%	NM	NM	9,504	9,231	NM	NM	203	NM
Maine	3,451	4,172	-17.3%	--	--	2,066	2,744	NM	NM	1,384	1,427
Massachusetts	16,858	16,502	2.2%	261	234	16,175	15,850	277	315	146	NM
New Hampshire	4,475	2,738	63.4%	107	15	4,358	2,715	--	--	NM	NM
Rhode Island	5,662	5,412	4.6%	--	--	5,596	5,364	NM	NM	--	--
Vermont	3	6	-43.6%	3	6	--	--	--	--	--	--
Middle Atlantic	102,876	83,349	23.4%	13,864	12,955	87,353	69,295	829	390	830	709
New Jersey	21,258	17,619	20.7%	--	--	20,854	17,278	NM	NM	344	294
New York	47,689	38,725	23.1%	13,843	12,940	32,982	25,355	708	292	156	138
Pennsylvania	33,929	27,006	25.6%	NM	NM	33,517	26,663	NM	NM	330	277
East North Central	68,689	27,798	147.1%	25,141	10,044	42,209	16,779	531	389	808	586
Illinois	11,967	4,877	145.4%	889	796	10,567	3,614	302	299	209	168
Indiana	10,988	5,496	99.9%	8,274	3,530	2,417	1,692	NM	NM	274	255
Michigan	19,239	6,938	177.3%	5,956	1,625	12,988	5,182	NM	NM	41	NM
Ohio	15,745	6,747	133.4%	4,212	2,154	11,499	4,567	--	--	NM	NM
Wisconsin	10,751	3,739	187.5%	5,809	1,939	4,738	1,724	NM	NM	NM	NM
West North Central	23,290	13,457	73.1%	20,013	11,961	3,050	1,380	NM	NM	NM	NM
Iowa	2,484	770	222.6%	2,451	748	NM	NM	NM	NM	NM	NM
Kansas	4,115	5,441	-24.4%	4,115	5,441	--	--	--	--	NM	NM
Minnesota	7,129	1,986	258.9%	6,002	1,544	1,040	397	NM	NM	NM	NM
Missouri	7,448	4,731	57.4%	5,333	3,702	2,008	983	105	45	NM	NM
Nebraska	1,638	428	282.6%	1,638	428	--	NM	NM	NM	--	--
North Dakota	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
South Dakota	NM	NM	NM	NM	NM	--	--	--	--	--	--
South Atlantic	189,097	164,725	14.8%	144,200	129,089	42,453	34,203	149	NM	2,295	1,411
Delaware	6,023	3,705	62.6%	NM	NM	5,170	3,674	--	--	812	--
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	104,346	103,405	0.9%	94,552	93,402	8,963	8,834	NM	NM	813	1,149
Georgia	32,570	21,202	53.6%	18,235	10,861	14,052	10,206	--	--	284	135
Maryland	4,602	2,981	54.4%	--	--	4,314	2,955	NM	1	164	NM
North Carolina	13,425	10,617	26.4%	11,407	8,795	1,962	1,762	4	*	52	60
South Carolina	9,443	9,097	3.8%	8,586	6,989	812	2,102	NM	NM	43	4
Virginia	18,488	13,278	39.2%	11,370	8,928	6,996	4,316	--	--	122	34
West Virginia	200	440	-54.6%	8	83	186	353	--	--	NM	NM
East South Central	82,970	64,533	28.6%	44,572	33,276	37,194	30,248	NM	NM	1,132	953
Alabama	39,372	32,816	20.0%	10,166	9,805	28,408	22,383	--	--	798	628
Kentucky	3,428	2,050	67.2%	2,984	1,741	310	187	--	--	134	NM
Mississippi	33,098	25,946	27.6%	24,431	18,113	8,476	7,678	NM	NM	181	147
Tennessee	7,073	3,720	90.1%	6,991	3,617	--	--	NM	NM	20	56
West South Central	268,527	246,179	9.1%	94,111	87,111	136,331	123,570	312	320	37,773	35,178
Arkansas	13,674	12,239	11.7%	3,240	3,956	10,346	8,223	NM	NM	88	59
Louisiana	51,660	43,431	18.9%	26,731	24,230	9,017	3,854	NM	NM	15,889	15,326
Oklahoma	35,834	32,654	9.7%	24,600	25,223	11,155	7,368	NM	NM	58	41
Texas	167,359	157,855	6.0%	39,540	33,702	105,813	104,125	268	276	21,738	19,752
Mountain	64,018	47,311	35.3%	38,933	27,103	24,461	19,637	179	172	445	399
Arizona	25,187	16,784	50.1%	12,263	7,583	12,871	9,154	52	NM	NM	NM
Colorado	8,332	7,070	17.9%	4,705	3,355	3,604	3,685	6	18	NM	NM
Idaho	484	283	71.0%	NM	NM	NM	NM	--	--	NM	29
Montana	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Nevada	17,808	13,665	30.3%	12,559	9,680	5,050	3,829	NM	NM	148	NM
New Mexico	7,143	6,900	3.5%	4,902	4,342	2,170	2,494	70	NM	NM	--
Utah	4,621	2,363	95.6%	3,873	1,902	661	NM	NM	--	88	NM
Wyoming	312	208	50.1%	NM	NM	NM	NM	--	--	176	165
Pacific Contiguous	67,859	40,130	69.1%	21,930	12,283	38,801	20,781	888	1,250	6,241	5,817
California	65,312	38,470	69.8%	20,856	11,800	37,390	19,637	877	1,245	6,189	5,788
Oregon	1,261	944	33.6%	NM	55	1,151	873	--	--	NM	16
Washington	1,286	716	79.7%	NM	428	260	271	NM	NM	22	12
Pacific Noncontiguous	2,848	2,865	-0.6%	2,824	2,838	--	--	NM	NM	NM	NM
Alaska	2,848	2,865	-0.6%	2,824	2,838	--	--	NM	NM	NM	NM
Hawaii	--	--	.	--	--	--	--	--	--	--	--
U.S. Total	910,473	728,673	24.9%	406,030	326,977	449,550	351,796	3,528	3,077	51,366	46,823

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 2.8.B. Natural Gas Consumption by State, by Sector, Year-to-Date through June 2012 and 2011  
(Million Cubic Feet)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	210,190	209,204	0.5%	1,452	1,546	195,917	195,424	2,535	2,446	10,286	9,788
Connecticut	49,583	47,455	4.5%	NM	NM	47,665	45,911	413	262	1,082	956
Maine	21,172	22,819	-7.2%	--	--	12,675	14,548	NM	NM	8,490	8,264
Massachusetts	83,236	87,184	-4.5%	844	919	79,939	83,840	1,801	1,914	652	512
New Hampshire	26,288	22,433	17.2%	NM	273	26,059	22,104	--	--	NM	NM
Rhode Island	29,891	29,286	2.1%	--	--	29,578	29,021	314	265	--	--
Vermont	20	27	-27.5%	20	27	--	--	--	--	--	--
Middle Atlantic	513,874	411,471	24.9%	60,342	58,511	445,454	345,540	3,359	2,921	4,719	4,499
New Jersey	100,176	86,961	15.2%	--	--	97,857	84,829	321	288	1,998	1,844
New York	220,765	186,141	18.6%	60,256	58,457	156,859	124,429	2,732	2,381	918	873
Pennsylvania	192,932	138,369	39.4%	NM	NM	190,738	136,282	305	252	1,803	1,781
East North Central	330,943	154,662	114.0%	118,593	49,295	204,461	99,275	3,103	2,403	4,787	3,689
Illinois	44,632	19,139	133.2%	1,734	1,474	39,970	14,711	1,883	2,012	1,046	942
Indiana	61,040	37,278	63.7%	47,776	25,073	11,225	10,436	125	111	1,913	1,657
Michigan	95,570	40,067	138.5%	21,548	4,291	72,181	34,998	710	94	1,130	684
Ohio	82,593	38,099	116.8%	21,524	8,769	60,875	29,168	--	--	194	162
Wisconsin	47,108	20,079	134.6%	26,010	9,688	20,210	9,962	385	185	504	244
West North Central	77,018	42,087	83.0%	66,191	37,160	9,495	4,273	997	315	335	339
Iowa	5,998	2,934	104.4%	5,881	2,812	NM	NM	NM	NM	NM	NM
Kansas	15,441	12,693	21.7%	15,441	12,693	--	--	--	--	NM	NM
Minnesota	26,900	9,420	185.6%	22,916	7,487	3,448	1,511	329	218	207	205
Missouri	24,647	15,682	57.2%	17,958	12,839	6,046	2,762	634	74	NM	NM
Nebraska	2,987	1,075	177.9%	2,986	1,074	--	NM	NM	NM	--	--
North Dakota	45	38	19.5%	NM	NM	--	--	--	--	35	28
South Dakota	NM	NM	NM	NM	NM	--	--	--	--	--	--
South Atlantic	973,366	744,315	30.8%	738,841	592,780	223,870	144,375	573	68	10,081	7,092
Delaware	30,555	16,303	87.4%	NM	NM	27,625	15,208	--	--	2,744	967
District of Columbia	--	--	.	--	--	--	--	--	--	--	--
Florida	556,154	500,748	11.1%	502,216	457,797	49,183	38,032	91	64	4,663	4,854
Georgia	142,225	83,502	70.3%	80,213	42,323	60,680	40,483	--	--	1,332	696
Maryland	26,363	7,943	231.9%	--	--	25,436	7,790	461	NM	467	151
North Carolina	71,435	35,160	103.2%	59,183	26,500	11,899	8,475	17	1	335	185
South Carolina	54,002	44,063	22.6%	44,733	38,558	9,090	5,466	NM	NM	174	37
Virginia	91,473	55,490	64.8%	52,116	27,172	39,018	28,138	--	--	339	180
West Virginia	1,158	1,106	4.6%	NM	302	939	784	--	--	26	21
East South Central	417,758	279,038	49.7%	229,531	154,789	181,315	118,137	372	322	6,540	5,789
Alabama	208,157	149,202	39.5%	55,630	51,831	147,966	93,500	--	--	4,561	3,871
Kentucky	19,120	7,372	159.4%	17,067	6,194	1,261	378	--	--	791	800
Mississippi	162,039	108,879	48.8%	128,820	83,647	32,088	24,259	NM	NM	1,072	918
Tennessee	28,442	13,585	109.4%	28,013	13,117	--	--	314	268	115	200
West South Central	1,268,022	1,075,487	17.9%	396,051	349,125	657,782	516,906	1,654	1,573	212,535	207,883
Arkansas	61,367	43,224	42.0%	11,053	10,494	49,682	32,072	NM	NM	625	653
Louisiana	240,127	229,743	4.5%	110,363	113,849	39,662	23,767	NM	126	89,966	92,002
Oklahoma	161,586	117,835	37.1%	113,301	90,054	47,838	27,432	104	68	343	281
Texas	804,943	684,685	17.6%	161,333	134,729	520,599	433,635	1,409	1,374	121,601	114,948
Mountain	296,991	229,615	29.3%	180,589	131,420	111,583	94,150	1,001	972	3,818	3,073
Arizona	104,963	65,475	60.3%	51,420	28,113	53,202	37,063	302	NM	NM	NM
Colorado	40,823	39,370	3.7%	23,957	18,558	16,761	20,705	7	28	NM	NM
Idaho	5,021	2,255	122.7%	1,078	544	3,726	1,424	--	--	217	287
Montana	NM	NM	NM	NM	NM	NM	NM	--	--	NM	NM
Nevada	83,543	70,542	18.4%	60,609	48,448	21,770	21,080	288	NM	877	739
New Mexico	34,966	32,444	7.8%	21,959	19,828	12,586	12,227	403	NM	NM	NM
Utah	25,643	18,000	42.5%	21,057	15,718	3,308	1,561	NM	NM	1,278	721
Wyoming	1,682	1,406	19.6%	NM	NM	NM	NM	--	--	1,289	1,226
Pacific Contiguous	442,406	285,399	55.0%	147,143	85,962	255,229	158,009	4,417	7,389	35,617	34,039
California	390,963	260,236	50.2%	122,756	77,773	228,652	141,414	4,366	7,362	35,189	33,686
Oregon	35,174	17,456	101.5%	11,033	3,214	23,908	14,056	--	--	233	187
Washington	16,270	7,707	111.1%	13,354	4,974	2,669	2,540	51	26	196	166
Pacific Noncontiguous	19,805	19,315	2.5%	19,380	18,994	--	--	NM	NM	NM	316
Alaska	19,805	19,315	2.5%	19,380	18,994	--	--	NM	NM	NM	316
Hawaii	--	--	.	--	--	--	--	--	--	--	--
U.S. Total	4,550,373	3,450,593	31.9%	1,958,112	1,479,582	2,285,106	1,676,090	18,017	18,414	289,138	276,507

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector 2012 - June 2012**

Period	Electric Power Sector			Electric Utilities			Independent Power Producers		
	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)
<b>End of Year Totals</b>									
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	174,917	35,706	1,019	143,744	24,798	850	31,173	10,908	168
2011	175,100	35,260	470	141,244	25,646	404	33,856	9,614	66
<b>2010</b>									
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
<b>2011</b>									
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
<b>2012</b>									
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
May	202,816	34,472	301	163,656	25,227	270	39,160	9,245	31
June	198,422	34,155	346	159,840	25,128	287	38,582	9,027	59

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.  
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 June 2012 and 2011

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	June 2012	June 2011	Percent Change	June 2012	June 2011	Percent Change	June 2012	June 2011	Percent Change
New England	1,363	1,146	19.0%	2,500	2,790	-10.0%	--	--	.
Connecticut	W	W	W	997	1,062	-6.1%	--	--	.
Maine	--	--	.	W	W	W	--	--	.
Massachusetts	744	652	14.0%	1,041	1,076	-3.2%	--	--	.
New Hampshire	W	W	W	W	W	W	--	--	.
Rhode Island	--	--	.	W	W	W	--	--	.
Vermont	--	--	.	55	54	1.4%	--	--	.
Middle Atlantic	9,025	7,276	24.0%	6,283	6,891	-8.8%	W	W	W
New Jersey	867	598	45.0%	1,091	1,151	-5.2%	--	--	.
New York	665	713	-6.7%	4,096	4,448	-7.9%	--	W	W
Pennsylvania	7,492	5,965	26.0%	1,097	1,292	-15.0%	W	W	W
East North Central	40,558	35,065	16.0%	1,540	2,024	-24.0%	W	27	W
Illinois	8,966	7,453	20.0%	124	165	-25.0%	--	--	.
Indiana	10,397	8,438	23.0%	120	111	8.5%	--	--	.
Michigan	6,719	6,106	10.0%	710	966	-27.0%	W	W	W
Ohio	8,305	7,153	16.0%	331	495	-33.0%	--	--	.
Wisconsin	6,170	5,915	4.3%	255	287	-11.0%	W	W	W
West North Central	31,675	26,249	21.0%	1,279	1,437	-11.0%	--	W	W
Iowa	8,291	6,359	30.0%	167	175	-4.5%	--	W	W
Kansas	4,688	3,739	25.0%	272	361	-25.0%	--	W	W
Minnesota	W	W	W	183	221	-17.0%	--	--	.
Missouri	10,076	8,211	23.0%	321	325	-1.4%	--	--	.
Nebraska	3,774	3,899	-3.2%	200	215	-6.9%	--	--	.
North Dakota	1,599	1,609	-0.6%	38	40	-4.2%	--	--	.
South Dakota	W	W	W	97	99	-2.2%	--	--	.
South Atlantic	40,496	30,113	34.0%	13,807	13,896	-0.6%	W	W	W
Delaware	W	W	W	388	357	8.5%	--	--	.
District of Columbia	--	--	.	--	W	W	--	--	.
Florida	6,555	4,784	37.0%	7,434	7,497	-0.8%	W	W	W
Georgia	9,394	5,490	71.0%	947	856	11.0%	--	--	.
Maryland	1,895	1,468	29.0%	765	893	-14.0%	--	--	.
North Carolina	7,066	5,167	37.0%	1,040	946	9.9%	--	--	.
South Carolina	7,096	6,167	15.0%	638	644	-0.9%	W	W	W
Virginia	W	W	W	2,468	2,494	-1.1%	--	--	.
West Virginia	6,424	5,253	22.0%	128	W	W	W	W	W
East South Central	20,576	16,323	26.0%	1,949	2,115	-7.9%	W	W	W
Alabama	6,515	4,715	38.0%	302	273	10.0%	--	--	.
Kentucky	8,471	7,693	10.0%	278	272	2.4%	W	W	W
Mississippi	1,879	1,007	87.0%	562	776	-28.0%	--	--	.
Tennessee	3,711	2,907	28.0%	807	795	1.6%	--	--	.
West South Central	30,347	26,328	15.0%	2,477	2,959	-16.0%	134	W	W
Arkansas	3,924	3,589	9.3%	171	171	-0.3%	--	--	.
Louisiana	4,334	2,560	69.0%	666	789	-16.0%	W	W	W
Oklahoma	4,778	4,876	-2.0%	188	205	-8.5%	--	--	.
Texas	17,312	15,304	13.0%	1,452	1,794	-19.0%	W	W	W
Mountain	21,358	20,741	3.0%	722	685	5.3%	W	W	W
Arizona	3,926	3,616	8.6%	229	232	-1.4%	--	--	.
Colorado	4,144	4,042	2.5%	153	132	16.0%	--	--	.
Idaho	--	--	.	W	W	W	--	--	.
Montana	1,143	W	W	W	W	W	W	W	W
Nevada	W	W	W	181	181	-0.2%	--	--	.
New Mexico	W	W	W	58	47	23.0%	--	--	.
Utah	4,550	5,172	-12.0%	49	43	16.0%	--	--	.
Wyoming	4,800	4,198	14.0%	38	37	4.1%	--	--	.
Pacific Contiguous	W	W	W	402	444	-9.4%	W	2	W
California	139	W	W	212	220	-3.6%	W	2	W
Oregon	W	W	W	W	W	W	--	--	.
Washington	W	W	W	W	W	W	--	--	.
Pacific Noncontiguous	W	W	W	3,197	2,457	30.0%	--	--	.
Alaska	W	W	W	297	313	-5.0%	--	--	.
Hawaii	W	W	W	2,900	2,144	35.0%	--	--	.
U.S. Total	198,422	165,707	20.0%	34,155	35,699	-4.3%	346	491	-29.0%

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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, June 2012**

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011
Coal (Thousand Tons)							
New England	1,363	1,146	19.0%	W	W	W	W
Middle Atlantic	9,025	7,276	24.0%	W	--	W	7,276
East North Central	40,558	35,065	15.7%	30,902	26,816	9,657	8,249
West North Central	31,675	26,249	20.7%	31,675	26,249	--	--
South Atlantic	40,496	30,113	34.5%	36,531	26,499	3,965	3,614
East South Central	20,576	16,323	26.1%	20,576	16,323	--	--
West South Central	30,347	26,328	15.3%	18,257	16,298	12,091	10,030
Mountain	21,358	20,741	3.0%	20,084	19,663	1,275	1,078
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	W	W	W	W
<b>U.S. Total</b>	<b>198,422</b>	<b>165,707</b>	<b>19.7%</b>	<b>159,840</b>	<b>132,882</b>	<b>38,582</b>	<b>32,825</b>

Petroleum Liquids (Thousand Barrels)

New England	2,500	2,790	-10.4%	486	757	2,013	2,033
Middle Atlantic	6,283	6,891	-8.8%	2,605	2,876	3,678	4,015
East North Central	1,540	2,024	-23.9%	W	1,698	W	326
West North Central	1,279	1,437	-11.0%	1,248	1,398	31	38
South Atlantic	13,807	13,896	-0.6%	11,533	11,448	2,273	2,449
East South Central	1,949	2,115	-7.9%	W	W	W	W
West South Central	2,477	2,959	-16.3%	1,881	2,225	596	734
Mountain	722	685	5.3%	W	627	W	58
Pacific Contiguous	402	444	-9.4%	W	W	W	W
Pacific Noncontiguous	3,197	2,457	30.1%	W	W	W	W
<b>U.S. Total</b>	<b>34,155</b>	<b>35,699</b>	<b>-4.3%</b>	<b>25,128</b>	<b>25,872</b>	<b>9,027</b>	<b>9,827</b>

Petroleum Coke (Thousand Tons)

New England	--	--	--	--	--	--	--
Middle Atlantic	W	W	W	--	--	W	W
East North Central	W	27	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	134	W	W	W	W	W	W
Mountain	W	W	W	--	--	W	W
Pacific Contiguous	W	2	W	--	--	W	2
Pacific Noncontiguous	--	--	--	--	--	--	--
<b>U.S. Total</b>	<b>346</b>	<b>491</b>	<b>-29.4%</b>	<b>287</b>	<b>433</b>	<b>59</b>	<b>58</b>

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-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-923, 'Power Plant Operations Report.'

**Table 3.4. Stocks of Coal by Coal Rank: Electric Power Sector 2012 - June 2012**

Period	Electric Power Sector			Total
	Bituminous Coal	Subbituminous Coal	Lignite Coal	
<b>Annual Totals</b>				
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
<b>2009</b>				
January	62,096	89,016	4,963	156,075
February	65,290	90,218	5,092	160,601
March	76,214	92,447	5,562	174,223
April	83,917	96,067	5,806	185,790
May	89,418	99,637	6,048	195,103
June	90,862	98,761	6,033	195,656
July	89,578	97,889	6,096	193,563
August	89,181	96,568	5,783	191,532
September	93,208	98,206	5,794	197,208
October	95,788	98,254	5,434	199,477
November	98,281	100,194	5,290	203,765
December	91,922	92,448	5,097	189,467
<b>2010</b>				
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
<b>2011</b>				
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
<b>2012</b>				
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
May	93,922	103,665	5,228	202,816
June	92,300	100,939	5,183	198,422

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 4.1 Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors) 2002-June 2012**

Period	Coal					Petroleum Liquids						
	Receipts (billion Btu)	(1000 tons)	Average Cost (dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	Receipts (billion Btu)	(1000 barrels)	Average Cost (dollars per MMBtu)	(dollars per barrel)	AVG % Sulfur	Percentage of Consumption
<b>Annual Totals</b>												
2002	17,981,987	884,287	1.25	25.52	.9	88.0	623,354	98,581	3.87	24.45	.9	67.2
2003	19,989,772	986,026	1.28	26.0	1.0	95.6	980,983	156,338	4.94	31.02	.8	82.6
2004	20,188,633	1,002,032	1.36	27.42	1.0	95.9	958,046	151,821	5.0	31.58	.9	81.7
2005	20,647,307	1,021,437	1.54	31.20	1.0	95.9	986,258	157,221	7.59	47.61	.8	84.7
2006	21,735,101	1,079,943	1.69	34.09	1.0	102.5	406,869	65,002	8.68	54.35	.7	74.0
2007	21,152,358	1,054,664	1.77	35.48	1.0	98.6	375,260	60,068	9.59	59.93	.7	62.6
2008	21,280,258	1,069,709	2.07	41.14	1.0	100.5	375,684	61,139	15.52	95.38	.6	99.6
2009	19,437,966	981,477	2.21	43.74	1.0	102.8	330,043	54,181	10.26	62.47	.5	104.8
2010	19,289,661	979,918	2.27	44.64	1.2	97.9	275,058	45,472	14.02	84.80	.5	101.1
2011	18,471,837	945,581	2.40	46.79	1.2	99.0	206,361	34,342	20.10	120.75	.6	113.5
<b>2009</b>												
January	1,720,121	87,453	2.23	43.82	1.0	94.4	60,313	9,824	8.12	49.85	.6	103.5
February	1,625,951	81,869	2.27	45.04	1.0	107.7	36,212	5,925	8.08	49.36	.5	126.1
March	1,730,816	86,241	2.29	45.91	1.1	116.8	27,714	4,579	8.27	50.07	.5	107.2
April	1,611,589	80,674	2.22	44.33	1.0	117.4	20,270	3,367	9.12	54.93	.6	101.4
May	1,601,882	80,559	2.23	44.41	1.0	111.8	26,384	4,306	9.36	57.36	.6	99.6
June	1,610,705	81,077	2.22	44.01	1.0	100.5	27,740	4,532	10.58	64.74	.6	110.9
July	1,654,412	84,086	2.19	43.12	1.0	97.7	24,942	4,087	11.36	69.31	.5	98.5
August	1,730,279	87,237	2.21	43.81	1.0	98.6	27,505	4,496	12.17	74.47	.6	96.3
September	1,580,718	80,015	2.18	43.13	1.0	106.3	15,248	2,536	13.31	80.06	.4	77.1
October	1,551,796	78,556	2.17	42.88	1.0	102.9	18,956	3,119	12.86	78.17	.6	87.7
November	1,534,304	77,821	2.13	42.08	1.0	104.0	19,967	3,324	12.78	76.76	.4	122.5
December	1,485,395	75,890	2.14	41.97	1.0	84.1	24,793	4,087	13.22	80.22	.5	131.1
<b>2010</b>												
January	1,516,857	77,092	2.23	43.79	1.1	83.1	33,911	5,604	13.38	80.98	.6	90.5
February	1,454,951	73,655	2.27	44.80	1.2	89.8	18,686	3,101	13.60	81.93	.5	116.6
March	1,678,040	84,412	2.31	45.98	1.2	107.7	19,184	3,174	13.85	83.71	.5	126.3
April	1,569,056	78,733	2.29	45.71	1.2	113.8	12,112	2,039	14.82	88.02	.4	86.2
May	1,584,118	80,404	2.26	44.59	1.2	103.5	21,833	3,593	13.77	83.68	.6	102.4
June	1,556,526	79,414	2.25	44.05	1.2	89.2	25,290	4,149	13.30	81.08	.6	86.6
July	1,622,967	83,033	2.27	44.37	1.1	85.8	31,476	5,147	13.33	81.53	.5	91.6
August	1,757,445	88,879	2.30	45.43	1.2	92.0	28,352	4,619	13.29	81.55	.6	100.8
September	1,655,524	84,275	2.28	44.70	1.2	103.7	25,145	4,105	13.41	82.16	.6	130.0
October	1,689,804	85,931	2.27	44.57	1.2	118.4	17,375	2,892	14.93	89.71	.4	119.2
November	1,601,707	81,626	2.26	44.27	1.2	109.6	19,248	3,286	15.77	92.35	.4	135.1
December	1,602,665	82,464	2.23	43.34	1.2	91.0	22,447	3,764	16.45	98.12	.4	79.7
<b>2011</b>												
January	1,599,921	81,889	2.33	45.52	1.2	88.8	21,626	3,590	16.73	100.76	.7	99.7
February	1,450,687	73,674	2.36	46.42	1.2	97.8	15,232	2,550	18.12	108.23	.6	111.3
March	1,560,696	80,229	2.34	45.58	1.2	108.1	18,010	2,984	19.64	118.52	.6	124.7
April	1,450,913	74,238	2.39	46.66	1.2	108.2	17,260	2,856	20.37	123.10	.4	104.6
May	1,467,151	74,551	2.44	47.99	1.2	98.9	21,896	3,573	19.30	118.25	.8	142.1
June	1,487,118	75,686	2.42	47.45	1.2	88.1	18,586	3,096	20.83	125.01	.7	116.7
July	1,505,189	76,804	2.45	47.92	1.2	79.9	16,346	2,735	21.40	127.87	.5	86.8
August	1,663,089	84,453	2.48	48.74	1.2	89.9	14,038	2,338	20.80	124.91	.5	92.1
September	1,609,708	82,588	2.44	47.54	1.2	105.4	13,899	2,313	21.57	129.58	.6	106.6
October	1,605,757	82,272	2.39	46.66	1.2	115.4	18,627	3,089	21.01	126.71	.5	148.9
November	1,521,645	78,646	2.37	45.89	1.2	114.8	16,145	2,735	21.19	125.04	.5	137.2
December	1,549,964	80,550	2.35	45.16	1.2	107.4	14,695	2,481	21.72	128.65	.6	116.0
<b>2012</b>												
January	1,508,019	78,486	2.43	46.66	1.2	108.3	14,704	2,466	21.92	130.70	.5	113.9
February	1,360,504	70,073	2.39	46.45	1.3	108.7	10,792	1,815	22.44	133.39	.5	107.0
March	1,292,128	66,465	2.40	46.71	1.3	112.2	11,688	1,940	22.41	135.02	.5	109.0
April	1,186,837	60,257	2.44	48.09	1.3	113.6	9,778	1,647	23.85	141.64	.5	89.1
May	1,262,874	64,678	2.44	47.57	1.3	100.1	NM	NM	22.97	135.76	.5	95.1
June	1,308,278	67,615	2.38	46.11	1.3	92.3	14,560	2,428	22.04	132.15	.5	96.7
<b>Year to Date</b>												
2010	9,359,549	473,710	2.27	44.84	1.2	96.9	131,016	21,659	13.66	82.65	.5	98.3
2011	9,016,486	460,268	2.38	46.58	1.2	97.6	112,610	18,650	19.12	115.43	.6	115.2
2012	7,918,641	407,573	2.41	46.90	1.3	105.3	72,991	12,236	22.52	134.35	.5	101.6
<b>Rolling 12 Months Ending in June</b>												
2011	18,946,597	966,476	2.32	45.53	1.2	99.2	256,652	42,464	16.85	101.61	.6	113.0
2012	17,373,992	892,886	2.41	46.96	1.2	104.0	NM	NM	21.94	130.95	.5	108.2

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information.  
 See Glossary for definitions. 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 4.1 Receipts Average Cost and Quality of Fossil Fuels: Total (All Sectors) 2002-June 2012 (continued)

Period	Receipts		Petroleum Coke				Receipts		Natural Gas			All Fossil Fuels
	(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 Mcf)	(dollars per MMBtu)	(dollars per Mcf)	Percentage of Consumption	Average Cost (dollars per MMBtu)
Annual Totals												
2002	127,362	4,454	.78	22.32	5.0	60.6	5,749,844	5,607,737	3.56	3.65	80.3	1.86
2003	165,378	5,846	.72	20.39	5.3	82.7	5,663,023	5,500,704	5.39	5.55	86.8	2.28
2004	196,606	6,967	.83	23.48	5.1	79.9	5,890,750	5,734,054	5.96	6.12	85.2	2.48
2005	211,776	7,502	1.11	31.35	5.2	82.3	6,356,868	6,181,717	8.21	8.44	88.1	3.25
2006	203,270	7,193	1.33	37.46	5.2	83.4	6,855,680	6,675,246	6.94	7.13	90.2	3.02
2007	161,091	5,656	1.51	43.02	5.1	77.5	7,396,233	7,200,316	7.11	7.30	90.4	3.23
2008	199,724	7,040	2.11	59.72	5.0	111.5	8,089,467	7,879,046	9.02	9.26	102.5	4.11
2009	197,921	6,954	1.61	45.89	4.6	119.3	8,319,329	8,118,550	4.74	4.86	102.3	3.04
2010	169,508	5,963	2.28	64.85	4.8	98.5	8,867,396	8,673,070	5.09	5.20	102.0	3.26
2011	147,713	5,163	2.80	80.14	5.1	91.1	9,220,328	9,025,066	4.71	4.81	103.7	3.29
2009												
January	17,395	610	2.06	58.78	4.7	119.9	604,934	588,823	6.38	6.55	102.4	3.42
February	14,628	514	1.82	51.74	5.0	108.4	558,093	543,748	5.38	5.53	102.5	3.14
March	16,095	566	1.63	46.25	4.7	101.3	619,344	603,662	4.73	4.85	103.3	2.98
April	14,491	508	1.20	34.06	4.8	102.8	562,474	548,302	4.48	4.60	103.3	2.85
May	17,458	613	1.68	47.79	4.5	122.5	628,402	612,866	4.48	4.59	102.6	2.93
June	14,904	519	1.58	45.47	4.4	101.1	762,794	744,739	4.44	4.55	101.9	3.01
July	15,783	552	1.63	46.47	4.3	101.3	910,954	888,228	4.32	4.43	101.6	3.02
August	19,857	702	1.81	51.33	4.7	132.3	977,182	953,918	4.15	4.25	101.5	2.99
September	18,183	640	1.36	38.62	4.8	120.4	817,447	798,321	3.84	3.93	101.7	2.80
October	17,084	605	1.55	43.90	4.6	166.1	665,234	650,035	4.82	4.93	103.5	3.04
November	14,211	498	1.30	37.14	4.7	136.3	569,724	557,093	4.87	4.98	102.5	2.96
December	17,832	626	1.61	45.98	4.5	142.1	642,748	628,815	5.96	6.09	101.8	3.40
2010												
January	15,526	545	1.72	48.97	4.7	103.8	674,318	659,430	6.71	6.86	102.5	3.74
February	9,904	347	1.80	51.44	4.6	70.0	591,685	578,727	6.07	6.20	102.3	3.45
March	13,712	482	2.09	59.50	4.5	92.3	574,306	561,969	5.29	5.40	102.8	3.16
April	14,428	506	2.18	62.25	5.0	110.5	581,459	568,443	4.71	4.82	102.2	3.01
May	12,976	455	2.22	63.33	4.8	91.2	667,034	662,077	4.79	4.90	102.3	3.12
June	14,387	506	2.15	61.02	5.0	86.3	827,276	809,085	5.12	5.24	101.6	3.34
July	16,160	573	2.42	68.18	4.7	93.5	1,033,717	1,011,011	5.19	5.30	101.4	3.51
August	17,868	629	2.65	75.40	4.8	123.3	1,083,879	1,060,006	4.92	5.03	101.3	3.39
September	15,268	536	2.67	76.05	4.8	112.7	822,221	803,862	4.45	4.55	101.6	3.10
October	15,041	526	2.43	69.44	4.7	116.1	693,955	678,492	4.30	4.39	102.5	2.94
November	10,931	391	2.22	62.07	5.0	94.4	613,152	600,163	4.35	4.44	102.5	2.94
December	13,307	467	2.57	73.40	5.0	93.5	694,392	679,805	5.43	5.54	102.2	3.32
2011												
January	12,345	434	2.92	83.17	5.2	72.1	680,488	666,326	5.35	5.47	104.2	3.36
February	9,773	342	2.67	76.31	5.3	69.8	608,072	594,661	5.06	5.18	104.7	3.26
March	9,917	345	2.94	84.61	5.4	60.2	609,858	597,039	4.61	4.71	104.7	3.12
April	10,668	372	2.99	85.60	5.0	91.2	654,807	641,423	4.85	4.95	104.4	3.29
May	11,707	411	3.22	91.87	4.9	94.7	709,158	695,061	4.85	4.95	103.6	3.38
June	11,571	403	2.57	73.93	5.0	84.8	836,652	819,698	5.03	5.13	103.2	3.49
July	16,515	575	3.14	90.16	4.9	101.7	1,081,096	1,057,904	4.96	5.07	102.0	3.61
August	14,651	512	2.95	84.36	5.2	102.9	1,073,074	1,049,997	4.72	4.82	103.0	3.44
September	13,919	486	2.79	79.99	5.2	104.5	826,622	807,829	4.54	4.65	104.0	3.26
October	12,540	437	2.80	80.29	5.2	112.4	710,254	694,917	4.32	4.41	104.3	3.12
November	11,514	401	2.18	62.59	5.2	112.0	676,445	662,294	4.08	4.17	104.2	3.03
December	12,592	445	2.29	64.90	5.1	108.9	753,801	737,917	4.00	4.09	103.4	3.00
2012												
January	11,517	404	2.26	64.59	5.1	82.9	789,527	773,216	3.67	3.75	102.7	2.97
February	8,695	300	2.01	58.30	5.2	77.4	778,554	761,871	3.32	3.39	102.5	2.83
March	10,216	357	1.86	53.27	5.6	96.0	811,756	794,432	2.96	3.02	102.5	2.72
April	8,990	313	2.09	59.90	5.3	102.6	859,752	838,979	2.74	2.81	103.1	2.66
May	8,008	281	2.15	61.11	5.5	83.2	957,758	937,894	2.90	2.96	102.6	2.74
June	8,782	304	2.14	61.81	5.8	98.4	1,029,526	1,006,488	3.08	3.16	102.4	2.81
Year to Date												
2010	80,934	2,842	2.03	57.87	4.8	92.0	3,926,078	3,839,732	5.44	5.57	102.3	3.30
2011	65,981	2,307	2.89	82.70	5.1	77.4	4,099,036	4,014,207	4.97	5.07	104.1	3.32
2012	56,209	1,960	2.09	59.88	5.4	89.1	5,226,873	5,112,880	3.10	3.17	102.6	2.79
Rolling 12 Months Ending in June												
2011	154,554	5,428	2.69	76.67	5.0	92.2	9,040,353	8,847,545	4.87	4.97	103.0	3.26
2012	137,941	4,817	2.39	68.44	5.3	98.6	10,348,166	10,123,739	3.78	3.86	103.0	3.02

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions. 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 4.2 Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities 2002-June 2012

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption	Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption
(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	(billion Btu)			(1000 barrels)	(dollars per MMBtu)	(dollars per barrel)			
<b>Annual Totals</b>												
2002	13,967,326	687,747	1.22	24.74	.9	89.6	407,442	63,809	3.74	23.88	1.0	72.0
2003	15,292,394	746,594	1.26	25.82	.9	98.6	605,651	95,534	4.68	29.66	1.0	90.7
2004	15,440,681	758,557	1.34	27.30	.9	98.2	592,478	93,034	4.80	30.57	1.0	89.6
2005	15,836,924	775,890	1.53	31.22	.9	101.9	566,320	89,303	7.17	45.46	.9	90.9
2006	16,197,852	797,361	1.69	34.26	.9	105.8	269,033	42,415	8.33	52.80	.8	79.2
2007	15,561,395	767,377	1.78	36.06	.9	100.3	216,349	34,026	9.24	58.73	.8	59.8
2008	15,347,396	764,399	2.06	41.32	.9	100.5	240,937	38,891	15.83	98.09	.6	99.7
2009	14,402,019	719,253	2.22	44.47	1.0	103.4	202,598	32,959	10.44	64.18	.5	103.5
2010	14,226,995	713,094	2.27	45.33	1.1	98.8	189,790	31,099	13.94	85.07	.5	101.0
2011	13,289,473	671,409	2.41	47.65	1.2	97.5	137,787	22,786	20.41	123.39	.5	111.3
<b>2009</b>												
January	1,233,059	62,045	2.24	44.50	1.0	93.3	29,873	4,823	8.0	49.53	.6	109.6
February	1,166,501	58,135	2.29	45.89	1.0	106.9	16,831	2,735	8.22	50.60	.5	106.8
March	1,262,590	62,252	2.30	46.57	1.1	117.3	13,499	2,206	8.41	51.46	.5	94.5
April	1,214,078	60,233	2.24	45.13	1.0	121.5	13,236	2,163	8.91	54.54	.6	101.2
May	1,189,059	59,231	2.24	45.02	1.0	112.5	19,852	3,208	9.27	57.36	.6	111.9
June	1,216,354	60,505	2.24	44.93	1.0	101.1	19,564	3,162	10.43	64.56	.6	108.4
July	1,245,525	62,486	2.20	43.88	1.0	99.1	18,610	3,025	11.24	69.15	.5	102.3
August	1,295,386	64,546	2.23	44.77	1.0	99.7	19,224	3,117	12.09	74.55	.6	98.9
September	1,189,015	59,392	2.19	43.88	1.0	106.2	10,050	1,659	13.17	79.80	.4	72.2
October	1,172,832	58,614	2.19	43.72	1.0	105.4	13,372	2,181	12.78	78.32	.5	84.2
November	1,141,864	57,441	2.14	42.51	1.0	104.9	12,932	2,118	12.87	78.57	.4	121.1
December	1,075,756	54,372	2.15	42.48	1.0	83.1	15,554	2,561	13.33	80.95	.4	136.3
<b>2010</b>												
January	1,101,993	55,521	2.21	43.89	1.1	82.6	23,632	3,860	13.16	80.54	.5	88.1
February	1,073,034	53,695	2.26	45.26	1.2	90.6	13,223	2,179	13.59	82.50	.4	136.3
March	1,231,470	61,038	2.32	46.85	1.2	108.5	11,782	1,943	14.11	85.52	.3	109.5
April	1,168,587	57,821	2.30	46.45	1.2	115.7	8,388	1,398	14.96	89.76	.2	85.6
May	1,168,195	58,565	2.27	45.27	1.1	103.0	16,261	2,649	13.61	83.58	.6	102.2
June	1,169,040	58,803	2.24	44.62	1.1	90.6	18,097	2,937	13.16	81.08	.6	80.1
July	1,209,770	60,990	2.27	44.95	1.1	87.2	21,588	3,497	13.29	82.07	.5	98.6
August	1,294,681	64,603	2.30	46.16	1.1	92.5	20,667	3,331	13.08	81.14	.6	103.1
September	1,208,559	60,693	2.28	45.47	1.1	104.3	18,501	2,988	13.35	82.68	.6	138.8
October	1,235,011	61,883	2.29	45.68	1.2	120.5	11,210	1,858	14.98	90.39	.4	117.5
November	1,172,469	58,841	2.27	45.29	1.2	111.1	12,889	2,191	15.82	93.06	.4	147.4
December	1,194,186	60,641	2.23	43.90	1.1	93.8	13,552	2,267	16.79	100.36	.3	71.7
<b>2011</b>												
January	1,137,553	57,479	2.34	46.38	1.1	87.1	13,522	2,239	16.87	101.92	.5	105.7
February	1,040,760	52,278	2.36	46.97	1.2	96.2	9,657	1,609	18.31	109.89	.5	104.8
March	1,124,121	57,092	2.34	46.15	1.1	105.7	13,497	2,224	19.60	118.89	.5	131.3
April	1,046,605	52,928	2.40	47.36	1.1	107.1	11,494	1,889	20.37	123.95	.4	92.7
May	1,058,900	53,332	2.45	48.59	1.2	97.0	16,184	2,620	19.10	117.95	.8	143.0
June	1,084,836	54,550	2.40	47.66	1.2	87.1	13,097	2,165	21.04	127.28	.7	123.2
July	1,091,861	54,810	2.45	48.90	1.2	78.5	9,105	1,511	21.89	131.92	.5	80.5
August	1,194,057	59,731	2.49	49.86	1.2	87.8	9,170	1,512	22.80	138.23	.4	85.9
September	1,159,586	58,455	2.47	48.91	1.2	104.8	9,799	1,619	21.84	132.19	.5	108.1
October	1,147,391	57,939	2.42	47.91	1.2	114.5	12,447	2,066	21.63	130.32	.5	142.4
November	1,081,223	55,161	2.39	46.84	1.2	113.1	10,590	1,774	21.72	129.64	.5	123.6
December	1,122,579	57,654	2.37	46.14	1.1	106.7	9,224	1,558	21.89	129.60	.5	105.7
<b>2012</b>												
January	1,069,923	55,185	2.39	46.31	1.1	105.5	9,593	1,605	21.87	130.76	.5	106.3
February	986,331	50,474	2.40	46.97	1.2	107.7	7,074	1,187	22.43	133.69	.4	96.6
March	943,528	48,244	2.43	47.51	1.2	111.0	8,899	1,467	23.09	140.13	.5	111.4
April	864,766	43,380	2.49	49.71	1.3	109.3	6,976	1,170	24.04	143.35	.5	85.6
May	917,798	46,346	2.46	48.77	1.3	98.6	7,323	1,239	23.46	138.68	.5	87.7
June	943,306	48,102	2.42	47.46	1.2	89.5	10,183	1,686	22.46	135.65	.5	98.4
<b>Year to Date</b>												
2010	6,912,318	345,442	2.27	45.41	1.1	97.5	91,383	14,966	13.59	82.98	.5	95.7
2011	6,492,774	327,659	2.38	47.17	1.1	96.0	77,451	12,746	19.21	116.75	.6	116.2
2012	5,725,652	291,730	2.43	47.71	1.2	103.1	50,049	8,353	22.82	136.74	.5	97.7
<b>Rolling 12 Months Ending in June</b>												
2011	13,807,451	695,311	2.33	46.21	1.1	99.1	175,858	28,878	16.88	102.47	.5	114.8
2012	12,522,351	635,480	2.43	47.94	1.2	102.2	110,384	18,393	22.43	134.51	.5	102.7

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information.

See Glossary for definitions. 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 4.2 Receipts Average Cost and Quality of Fossil Fuels: Electric Utilities 2002-June 2012 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption	Receipts		Average Cost		Percentage of Consumption	Average Cost (dollars per MMBtu)
	(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)			(billion Btu)	(1000 Mcf)	(dollars per MMBtu)	(dollars per Mcf)		
<b>Annual Totals</b>												
2002	75,711	2,677	.63	17.68	5.0	126.0	1,680,518	1,634,734	3.68	3.78	72.3	1.54
2003	89,618	3,165	.74	20.94	5.5	124.0	1,486,088	1,439,513	5.59	5.77	81.6	1.74
2004	107,985	3,817	.89	25.15	5.1	92.0	1,542,746	1,499,933	6.15	6.33	82.9	1.87
2005	102,450	3,632	1.29	36.31	5.2	87.9	1,835,221	1,780,721	8.32	8.57	83.4	2.38
2006	99,471	3,516	1.49	42.21	5.1	97.2	2,222,289	2,163,113	7.36	7.56	87.3	2.45
2007	84,812	2,964	1.73	49.57	5.1	105.6	2,378,104	2,315,637	7.47	7.67	84.6	2.61
2008	80,987	2,843	2.12	60.51	5.4	123.8	2,856,354	2,784,642	9.15	9.39	102.0	3.33
2009	109,126	3,833	1.68	47.84	5.0	138.8	3,033,133	2,962,640	5.50	5.63	101.8	2.87
2010	103,152	3,628	2.38	67.65	5.0	109.1	3,395,962	3,327,919	5.43	5.54	101.1	2.99
2011	90,955	3,171	2.91	83.38	5.2	100.0	3,488,532	3,426,360	5.01	5.10	101.4	3.09
<b>2009</b>												
January	10,608	371	2.06	58.77	5.0	139.8	208,081	202,538	7.05	7.24	102.6	3.03
February	7,746	272	1.92	54.69	5.6	118.1	197,128	192,399	6.24	6.40	102.0	2.92
March	8,784	309	1.72	48.78	5.1	99.2	227,853	222,311	5.59	5.72	102.6	2.84
April	8,205	289	1.15	32.78	5.2	109.2	199,495	194,561	5.47	5.61	103.1	2.74
May	11,038	388	1.86	52.96	4.7	143.1	232,241	226,655	5.35	5.48	102.4	2.83
June	7,574	263	1.78	51.22	4.7	104.2	293,235	286,460	5.14	5.26	101.4	2.89
July	7,553	263	1.73	49.77	4.5	104.1	343,209	334,815	5.03	5.15	101.7	2.90
August	10,909	386	1.94	54.90	5.0	155.1	360,777	352,110	4.91	5.03	101.5	2.91
September	10,248	361	1.39	39.40	5.3	148.0	299,818	293,133	4.66	4.77	100.7	2.75
October	9,024	320	1.58	44.49	4.9	264.0	237,676	232,677	5.63	5.75	101.3	2.85
November	7,688	269	1.21	34.68	5.3	232.1	205,042	201,085	5.70	5.82	102.0	2.77
December	9,747	341	1.64	46.90	5.1	186.5	228,578	223,896	6.46	6.59	100.9	3.01
<b>2010</b>												
January	9,040	317	1.76	50.18	5.4	112.1	254,841	249,848	6.93	7.07	102.0	3.26
February	5,337	188	1.96	55.49	5.1	72.9	217,554	213,267	6.39	6.52	100.6	3.06
March	8,021	284	2.24	63.36	5.0	92.2	214,554	210,587	5.72	5.83	101.3	2.91
April	9,899	347	2.30	65.45	5.0	137.3	218,064	213,690	5.20	5.30	101.6	2.82
May	7,673	269	2.32	66.03	5.0	103.1	270,661	265,218	5.20	5.30	101.3	2.94
June	8,998	317	2.22	63.05	5.3	99.2	324,142	317,528	5.42	5.54	101.0	3.05
July	9,979	354	2.50	70.63	4.7	103.9	399,566	391,191	5.47	5.58	100.8	3.19
August	11,742	410	2.69	76.96	4.9	143.5	421,843	413,154	5.24	5.35	100.4	3.14
September	10,150	355	2.71	77.34	4.9	120.0	315,571	308,882	4.81	4.92	100.9	2.93
October	8,639	301	2.51	72.03	4.9	123.2	269,281	263,756	4.77	4.87	101.4	2.82
November	5,740	208	2.28	62.94	5.2	103.3	222,019	220,019	4.74	4.83	101.2	2.79
December	7,933	277	2.75	78.60	5.1	101.0	263,628	258,780	5.64	5.75	101.8	2.97
<b>2011</b>												
January	7,843	275	3.08	87.85	5.3	70.0	242,440	237,993	5.50	5.60	102.1	3.03
February	6,172	216	2.92	83.55	5.4	83.1	213,523	209,352	5.34	5.45	103.0	2.98
March	5,962	207	3.26	94.02	5.7	67.7	219,104	215,125	4.95	5.04	101.6	2.94
April	6,570	229	3.31	94.98	5.2	117.1	250,040	246,002	5.19	5.28	103.0	3.09
May	6,525	228	3.56	101.82	5.0	114.7	273,638	269,180	5.17	5.26	101.3	3.20
June	7,186	249	2.66	76.57	5.1	91.3	337,272	331,306	5.28	5.38	101.3	3.24
July	10,212	356	3.22	92.30	4.8	104.1	436,190	427,506	5.12	5.22	100.6	3.32
August	9,132	319	3.08	88.27	5.3	106.5	427,489	418,891	4.97	5.08	100.7	3.26
September	8,697	303	2.79	79.91	5.1	102.6	311,141	306,346	4.89	4.97	101.1	3.10
October	8,093	280	2.82	81.28	5.1	127.2	268,114	263,244	4.72	4.80	100.9	3.02
November	7,320	253	2.11	60.84	5.2	162.9	241,920	238,003	4.51	4.58	101.1	2.92
December	7,243	255	2.11	59.82	5.1	109.0	267,660	263,413	4.39	4.46	102.1	2.88
<b>2012</b>												
January	6,150	214	2.20	63.16	4.8	83.6	287,015	282,460	4.05	4.12	100.4	2.87
February	5,209	179	2.09	60.72	5.2	93.4	282,804	278,125	3.71	3.77	101.7	2.80
March	5,570	194	1.93	55.33	5.8	180.8	304,694	299,484	3.37	3.43	101.4	2.80
April	4,882	169	1.97	57.05	5.1	140.2	336,198	327,661	3.10	3.18	101.1	2.78
May	3,867	134	2.03	58.61	5.4	95.5	391,411	383,704	3.25	3.32	101.6	2.81
June	4,274	148	2.09	60.29	5.9	114.0	418,569	410,178	3.40	3.47	101.0	2.87
<b>Year to Date</b>												
2010	48,968	1,722	2.14	60.85	5.1	102.4	1,499,816	1,470,138	5.79	5.90	101.3	3.01
2011	40,258	1,404	3.12	89.52	5.3	86.4	1,536,017	1,508,958	5.24	5.34	102.0	3.08
2012	29,953	1,039	2.06	59.29	5.3	109.8	2,020,692	1,981,612	3.45	3.52	101.2	2.82
<b>Rolling 12 Months Ending in June</b>												
2011	94,442	3,310	2.85	81.44	5.1	103.2	3,432,164	3,366,739	5.18	5.28	101.6	3.03
2012	80,650	2,806	2.37	68.13	5.2	118.3	3,973,207	3,899,014	4.12	4.20	101.1	2.95

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions. 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 4.3 Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers 2002-June 2012**

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption	Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption
	(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)			(billion Btu)	(1000 barrels)	(dollars per MMBtu)	(dollars per barrel)		
<b>Annual Totals</b>												
2002	3,710,847	182,482	1.37	27.96	1.2	87.0	186,271	30,043	4.19	25.98	.6	76.4
2003	4,365,996	223,984	1.34	26.20	1.2	90.4	347,546	56,138	5.41	33.50	.6	89.7
2004	4,410,775	227,700	1.41	27.27	1.1	93.3	337,011	54,152	5.35	33.31	.6	93.6
2005	4,459,333	229,071	1.56	30.39	1.1	83.0	381,871	61,753	8.30	51.34	.5	97.2
2006	5,204,402	266,856	1.69	33.04	1.1	97.7	117,524	19,236	9.65	58.98	.5	104.9
2007	5,275,454	273,216	1.71	33.11	1.1	97.5	125,025	20,486	10.49	64.01	.5	85.0
2008	5,395,142	281,258	2.03	38.98	1.0	100.4	82,124	13,657	16.30	98.03	.4	94.4
2009	4,563,080	240,687	2.11	39.94	1.1	101.1	68,030	11,408	10.02	59.76	.4	102.0
2010	4,555,898	243,585	2.20	41.15	1.2	96.0	49,598	8,420	14.80	87.19	.4	89.9
2011	4,702,024	251,937	2.30	42.99	1.3	104.9	41,499	7,033	20.25	119.48	.5	107.2
<b>2009</b>												
January	446,449	23,567	2.12	40.16	1.0	97.8	19,583	3,223	8.25	50.12	.4	83.5
February	417,710	21,834	2.15	41.04	1.0	110.0	11,257	1,851	7.77	47.23	.4	156.2
March	427,194	22,100	2.21	42.73	1.1	117.0	8,872	1,474	8.25	49.68	.4	130.7
April	358,734	18,683	2.09	40.17	1.1	106.5	2,928	505	10.48	60.72	.3	99.9
May	377,550	19,715	2.14	41.01	1.1	110.8	2,295	402	10.19	58.15	.3	74.4
June	355,973	18,831	2.09	39.47	1.1	98.5	3,082	527	11.54	67.43	.3	106.3
July	368,865	19,773	2.10	39.11	1.0	93.4	2,438	421	12.65	73.25	.3	70.7
August	393,511	20,796	2.08	39.31	1.1	95.1	3,716	629	13.25	78.32	.3	66.3
September	352,252	18,832	2.09	39.09	1.0	106.7	422	2,444	15.18	87.88	.3	101.0
October	341,134	18,223	2.06	38.52	1.0	96.3	2,450	423	13.94	80.80	.3	88.4
November	352,701	18,574	2.06	39.03	1.1	101.5	3,768	665	12.98	73.50	.3	149.0
December	371,008	19,758	2.07	38.92	1.1	86.7	5,196	866	13.41	80.51	.4	150.1
<b>2010</b>												
January	376,680	19,830	2.21	42.01	1.2	85.3	5,186	895	14.92	86.41	.3	75.4
February	343,015	18,198	2.21	41.75	1.2	88.3	2,397	416	14.78	85.23	.3	78.2
March	401,656	21,348	2.23	41.96	1.2	107.5	4,487	747	13.69	82.23	.6	201.3
April	359,489	19,062	2.23	41.96	1.3	113.2	2,017	354	15.12	86.17	.3	90.2
May	374,626	19,964	2.19	41.15	1.3	106.5	2,963	508	15.27	89.08	.4	86.2
June	342,601	18,471	2.19	40.68	1.2	83.4	4,357	738	14.22	83.97	.3	87.9
July	370,780	20,113	2.23	41.09	1.1	81.8	6,753	1,125	13.66	81.95	.4	67.0
August	414,300	21,970	2.23	42.11	1.3	90.1	4,622	777	14.55	86.52	.3	75.1
September	404,409	21,646	2.20	41.04	1.2	103.2	4,031	678	13.97	83.02	.3	95.5
October	412,301	22,106	2.15	40.10	1.2	115.5	3,720	626	15.45	91.85	.4	135.1
November	387,870	20,899	2.15	39.94	1.2	106.9	3,898	679	16.19	92.92	.4	120.4
December	368,173	19,977	2.18	40.13	1.2	84.9	5,167	876	16.62	97.98	.3	87.6
<b>2011</b>												
January	418,692	22,383	2.23	41.80	1.3	94.6	4,770	798	17.39	103.95	.6	73.2
February	371,407	19,633	2.29	43.38	1.3	104.4	3,198	544	18.54	109.08	.8	118.0
March	398,216	21,356	2.29	42.73	1.3	118.6	2,235	381	21.28	124.77	.6	91.2
April	365,593	19,513	2.30	43.18	1.3	112.6	3,345	566	21.41	126.62	.3	146.8
May	371,147	19,503	2.36	44.82	1.4	107.6	2,952	498	21.50	127.57	.6	112.0
June	361,607	19,273	2.40	44.98	1.3	91.5	3,441	585	20.82	122.46	.5	91.7
July	375,093	20,228	2.36	43.81	1.3	84.5	5,380	911	21.13	124.72	.4	89.1
August	424,393	22,677	2.36	44.16	1.3	96.0	2,884	493	16.58	97.03	.5	91.6
September	410,107	22,261	2.32	42.69	1.3	109.4	2,412	411	22.22	130.37	.6	99.1
October	419,814	22,538	2.26	42.07	1.3	121.9	3,976	655	20.15	122.35	.5	185.4
November	400,339	21,634	2.26	41.83	1.3	121.6	3,445	606	20.69	117.68	.4	170.6
December	385,614	20,939	2.22	40.86	1.3	110.6	3,461	586	22.32	131.80	.5	132.9
<b>2012</b>												
January	398,502	21,461	2.47	45.93	1.4	119.7	3,181	536	22.67	134.45	.4	125.8
February	335,421	17,601	2.31	44.11	1.5	112.9	2,051	348	23.63	139.13	.5	117.3
March	313,397	16,581	2.25	42.57	1.4	120.7	1,165	198	24.24	142.69	.5	76.3
April	286,108	15,226	2.18	41.03	1.4	130.7	1,564	268	24.98	145.94	.5	92.5
May	308,902	16,673	2.26	41.83	1.4	105.4	2,232	380	23.47	137.91	.4	83.5
June	328,543	17,847	2.18	40.18	1.6	100.5	2,894	490	21.63	127.75	.5	81.9
<b>Year to Date</b>												
2010	2,198,066	116,874	2.21	41.60	1.2	96.2	21,407	3,658	14.57	85.28	.4	93.5
2011	2,286,663	121,661	2.31	43.43	1.3	104.0	19,942	3,371	19.89	117.64	.6	98.1
2012	1,970,873	105,389	2.29	42.77	1.4	114.0	13,088	2,220	23.14	136.42	.5	95.5
<b>Rolling 12 Months Ending in June</b>												
2011	4,644,494	248,373	2.25	42.11	1.3	101.0	48,132	8,133	17.61	104.06	.4	101.1
2012	4,386,235	235,665	2.29	42.59	1.4	111.2	34,646	5,882	21.98	129.32	.5	112.2

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information.

See Glossary for definitions. 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 4.3 Receipts Average Cost and Quality of Fossil Fuels: Independent Power Producers 2002-June 2012 (continued)

Period	Receipts		Petroleum Coke				Receipts		Natural Gas			All Fossil Fuels	
	(billion Btu)	(1000 tons)	Average Cost		AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 Mcf)	Average Cost		Percentage of Consumption	Average Cost (dollars per MMBtu)	
			(dollars per MMBtu)	(dollars per ton)					(dollars per MMBtu)	(dollars per Mcf)			
Annual Totals													
2002	47,805	1,639	1.03	29.98	4.9	44.4	3,198,108	3,126,308	3.55	3.63	91.6	2.37	
2003	59,377	2,086	.60	17.16	4.9	64.3	3,335,086	3,244,368	5.33	5.48	96.2	3.15	
2004	73,745	2,609	.72	20.30	5.0	81.0	3,491,942	3,403,474	5.86	6.01	93.1	3.43	
2005	92,706	3,277	.90	25.42	5.1	82.9	3,675,165	3,578,722	8.20	8.42	95.8	4.69	
2006	85,924	3,031	1.07	30.34	5.1	87.1	3,742,865	3,647,102	6.66	6.84	97.4	3.82	
2007	56,580	1,994	1.02	28.95	4.9	69.3	4,097,825	3,990,546	6.92	7.11	97.2	4.06	
2008	79,122	2,788	1.47	41.85	4.6	98.8	4,061,830	3,956,155	8.94	9.17	100.5	5.07	
2009	49,619	1,732	1.31	37.63	3.9	93.6	4,087,573	3,987,721	4.30	4.41	100.7	3.19	
2010	30,079	1,050	1.74	49.80	3.8	72.3	4,212,611	4,119,103	4.94	5.05	100.6	3.57	
2011	21,641	753	1.78	51.02	4.4	61.6	4,364,318	4,267,688	4.59	4.70	101.0	3.48	
2009	January	3,025	105	1.57	45.18	3.9	73.0	297,293	289,321	6.01	6.18	99.8	3.78
	February	3,999	140	1.39	39.94	4.2	97.2	273,521	266,236	4.93	5.07	100.6	3.31
	March	4,037	141	1.18	33.71	4.3	92.3	294,042	286,461	4.19	4.30	101.3	3.07
	April	3,311	114	1.05	30.45	3.8	76.5	270,846	263,955	3.92	4.02	100.5	2.90
	May	3,671	128	1.13	32.50	4.1	87.2	296,712	304,347	4.00	4.10	100.9	2.98
	June	4,314	150	1.15	33.16	3.5	90.7	371,888	362,969	4.02	4.11	100.8	3.10
	July	5,369	188	1.39	39.58	3.9	103.9	461,124	449,506	3.86	3.96	100.2	3.09
	August	5,154	181	1.55	44.13	4.1	106.2	506,176	494,315	3.69	3.78	100.2	3.02
	September	4,221	148	1.17	33.45	3.8	85.5	410,838	401,063	3.39	3.47	100.5	2.82
	October	4,873	172	1.43	40.59	4.0	127.2	324,805	317,184	4.42	4.53	103.2	3.24
	November	3,050	106	1.20	34.73	3.3	77.5	266,906	260,688	4.37	4.48	100.3	3.10
	December	4,596	160	1.41	40.51	3.4	104.7	305,787	299,310	5.84	5.97	100.4	3.83
2010	January	3,804	133	1.44	41.35	3.4	101.7	308,109	301,125	6.75	6.90	100.1	4.32
	February	2,918	101	1.48	42.64	3.5	77.2	274,889	268,803	5.95	6.08	100.4	3.91
	March	3,499	121	1.63	47.30	3.3	101.4	256,384	250,712	5.06	5.17	100.7	3.39
	April	1,376	47	1.08	31.18	4.3	40.8	267,989	261,844	4.48	4.58	100.2	3.22
	May	2,468	86	1.78	50.77	3.8	62.4	306,425	299,565	4.55	4.65	100.6	3.30
	June	2,619	91	1.75	50.31	4.0	60.0	401,342	392,478	5.01	5.12	100.3	3.77
	July	2,705	95	1.94	55.02	4.5	58.5	522,419	510,999	5.04	5.15	100.4	3.94
	August	1,779	64	2.26	63.33	4.0	59.1	546,215	534,075	4.72	4.82	100.5	3.70
	September	1,349	47	2.36	67.67	3.0	61.5	401,881	393,000	4.27	4.36	100.6	3.28
	October	3,342	117	2.01	57.26	3.9	116.1	321,547	314,248	4.00	4.09	101.3	3.02
	November	2,286	80	1.76	50.12	4.2	80.2	285,549	279,359	4.23	4.33	100.8	3.10
	December	1,933	67	1.63	46.81	4.7	57.6	319,863	312,895	5.49	5.62	100.9	3.81
2011	January	1,463	51	1.79	51.52	4.2	47.6	319,075	312,262	5.54	5.66	101.0	3.75
	February	1,357	47	1.53	44.11	4.3	41.2	289,373	282,841	5.03	5.15	101.4	3.56
	March	1,490	51	1.70	49.17	3.7	35.3	279,499	273,528	4.54	4.64	101.0	3.28
	April	1,955	68	1.87	53.87	3.9	70.6	295,782	289,214	4.71	4.81	100.8	3.47
	May	2,823	99	2.24	63.84	4.4	92.2	321,800	315,028	4.69	4.79	100.9	3.51
	June	1,823	63	1.60	45.97	4.2	62.9	390,133	381,919	4.92	5.03	101.0	3.78
	July	2,183	76	1.96	56.70	4.3	62.9	528,025	516,435	4.91	5.02	99.9	3.95
	August	2,027	70	1.71	49.18	4.5	70.0	523,849	512,572	4.55	4.65	101.0	3.61
	September	1,687	58	1.83	52.80	4.4	69.5	399,972	390,567	4.37	4.48	101.9	3.39
	October	1,613	56	1.79	51.75	4.9	74.6	332,097	324,520	4.10	4.20	102.2	3.16
	November	1,453	50	1.35	38.85	5.2	58.5	318,812	311,476	3.89	3.98	101.2	3.06
	December	1,766	62	1.48	41.72	4.7	73.2	365,902	357,323	3.82	3.92	100.9	3.09
2012	January	1,730	60	1.41	40.39	5.0	70.1	381,726	372,985	3.50	3.58	100.8	3.05
	February	1,331	46	1.23	35.48	4.6	56.3	383,092	373,954	3.13	3.21	99.5	2.81
	March	1,620	56	NM	NM	5.1	54.0	391,353	382,158	2.72	2.78	99.4	2.54
	April	NM	NM	NM	NM	5.3	70.8	412,327	402,984	2.52	2.58	100.8	2.43
	May	759	26	NM	NM	5.5	45.3	452,603	442,289	2.69	2.76	100.3	2.58
	June	1,337	46	1.56	45.75	5.4	87.7	491,416	479,863	2.90	2.97	100.5	2.68
Year to Date	2010	16,685	580	1.56	44.79	3.6	73.7	1,815,137	1,774,529	5.30	5.42	100.4	3.66
	2011	10,912	380	1.84	52.99	4.1	56.6	1,895,661	1,854,794	4.91	5.02	101.0	3.56
	2012	7,647	265	1.26	36.41	5.1	62.3	2,512,517	2,454,234	2.90	2.97	100.2	2.69
Rolling 12 Months Ending in June	2011	24,306	850	1.89	54.06	4.1	65.2	4,293,134	4,199,369	4.76	4.87	100.9	3.52
	2012	NM	NM	NM	NM	4.9	66.1	4,981,174	4,867,128	3.59	3.68	100.7	3.03

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions. 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 4.4 Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector 2002-June 2012

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption	Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption
	(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)			(billion Btu)	(1000 barrels)	(dollars per MMBtu)	(dollars per barrel)		
<b>Annual Totals</b>												
2002	9,580	399	2.10	50.44	2.6	28.4	503	91	5.38	29.73	.0	7.5
2003	8,835	372	1.99	47.24	2.4	20.5	248	43	7.0	40.82	.0	3.1
2004	10,682	451	2.08	49.32	2.5	23.5	3,066	527	6.19	35.96	.2	26.9
2005	11,081	464	2.57	61.21	2.4	24.2	1,684	289	8.28	48.22	.2	18.3
2006	12,207	518	2.63	61.95	2.5	27.5	798	137	13.50	78.70	.2	15.5
2007	12,419	531	2.67	62.46	2.6	27.6	249	43	14.04	81.93	.2	6.2
2008	43,997	2,009	2.65	58.12	1.7	99.4	3,800	633	17.84	107.10	.4	102.0
2009	41,182	1,876	2.90	63.68	1.7	104.3	3,517	583	10.82	65.26	.5	122.1
2010	37,778	1,747	2.82	61.06	1.8	101.6	2,395	400	15.24	91.25	.4	106.3
2011	33,996	1,595	2.87	61.14	1.8	97.7	1,927	326	21.44	126.87	.5	130.3
<b>2009</b>												
January	4,051	188	2.88	62.20	1.7	90.0	1,089	177	9.18	56.39	.6	104.4
February	3,768	174	2.94	63.75	1.9	97.3	796	128	7.89	48.95	.7	200.5
March	3,839	176	2.85	62.34	1.7	103.4	205	35	10.11	60.17	.4	113.1
April	3,177	145	2.83	61.89	1.7	113.5	147	25	11.29	66.12	.3	98.5
May	2,841	130	2.90	63.09	1.6	111.8	NM	NM	11.56	67.68	.3	128.7
June	3,275	146	2.90	64.90	1.7	108.2	174	30	13.14	77.04	.2	218.9
July	3,245	146	2.91	64.59	1.8	106.5	120	20	13.69	80.17	.3	106.0
August	3,453	155	2.96	65.73	1.5	108.7	NM	NM	14.43	84.56	.3	89.0
September	3,282	147	3.06	68.33	1.7	115.4	138	24	14.56	85.01	.2	162.9
October	3,075	140	2.95	65.07	1.6	108.6	175	30	14.65	86.15	.3	173.8
November	3,466	160	2.86	62.19	1.6	105.4	139	24	15.32	89.88	.2	82.5
December	3,711	170	2.80	61.15	1.6	97.7	227	38	15.04	89.12	.3	86.1
<b>2010</b>												
January	3,452	162	2.79	59.44	1.7	83.9	224	37	14.38	86.22	.4	77.6
February	3,364	156	2.87	61.93	1.8	93.2	178	30	14.42	86.02	.4	73.4
March	3,478	161	2.90	62.65	1.6	107.7	368	61	14.78	89.28	.5	330.9
April	2,983	137	2.80	61.12	1.5	116.7	91	16	17.13	99.62	.2	81.8
May	2,820	132	2.71	58.0	1.4	111.4	181	30	14.51	87.04	.5	106.2
June	2,874	132	2.99	65.29	2.0	97.6	181	30	14.57	87.38	.4	116.2
July	2,933	132	2.83	62.64	2.1	93.4	259	43	14.20	85.58	.4	72.4
August	3,381	157	2.79	60.14	1.9	103.2	142	24	14.71	88.85	.4	58.4
September	3,045	141	2.85	61.82	1.8	105.8	159	26	15.03	90.09	.4	122.5
October	2,864	133	2.82	60.52	1.7	109.9	254	43	16.34	97.50	.3	283.6
November	3,365	155	2.86	62.19	1.8	121.1	114	19	16.95	100.83	.4	145.5
December	3,217	151	2.69	57.30	2.0	91.5	242	41	17.22	102.47	.3	89.2
<b>2011</b>												
January	3,222	151	2.76	58.88	1.9	84.9	NM	NM	18.76	110.99	.6	81.6
February	3,208	150	2.84	60.83	1.8	90.9	NM	NM	20.20	118.50	.5	152.0
March	3,165	151	2.72	57.12	1.7	95.6	NM	NM	21.81	129.01	.5	128.0
April	2,485	119	2.73	57.18	1.9	95.6	NM	NM	21.89	131.54	.3	158.1
May	2,568	119	3.05	65.81	1.7	93.3	NM	NM	21.15	128.06	.7	175.2
June	3,110	142	3.21	70.15	1.8	115.1	NM	NM	22.04	130.88	.6	123.2
July	2,602	120	2.93	63.33	1.9	89.6	NM	NM	22.66	134.04	.5	81.8
August	2,709	124	3.05	66.80	1.9	99.6	NM	NM	21.10	124.09	.5	129.9
September	2,447	114	2.92	62.89	1.8	93.7	NM	NM	21.91	129.16	.5	147.1
October	2,601	127	2.68	54.78	1.5	109.1	NM	NM	21.73	128.74	.5	139.6
November	2,862	136	2.76	57.88	1.7	110.6	NM	NM	NM	NM	.5	222.8
December	3,018	143	2.80	59.16	1.7	103.2	NM	NM	22.54	131.81	.5	156.1
<b>2012</b>												
January	2,819	136	2.76	57.45	1.8	87.9	NM	NM	22.53	132.54	.5	112.7
February	2,440	118	2.63	54.28	1.8	86.4	NM	NM	NM	NM	.5	135.5
March	2,554	125	2.66	54.41	1.7	95.5	NM	NM	NM	NM	.5	90.5
April	2,408	115	2.93	61.40	1.6	103.2	NM	NM	24.15	141.20	.5	109.7
May	NM	NM	NM	NM	1.9	92.7	NM	NM	NM	NM	.5	95.8
June	2,332	110	2.86	60.77	2.0	100.1	167	29	21.56	125.26	.5	106.8
<b>Year to Date</b>												
2010	18,971	878	2.84	61.39	1.7	99.9	1,224	204	14.76	88.43	.4	112.9
2011	17,758	831	2.88	61.59	1.8	94.9	995	167	20.92	124.44	.5	126.7
2012	14,821	712	2.79	58.02	1.8	93.7	NM	NM	22.61	132.67	.5	107.7
<b>Rolling 12 Months Ending in June</b>												
2011	36,564	1,700	2.84	61.22	1.8	100.0	NM	NM	18.36	109.53	.4	132.5
2012	NM	NM	NM	NM	1.8	97.6	NM	NM	NM	NM	.5	127.4

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information.

See Glossary for definitions. 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 4.4 Receipts Average Cost and Quality of Fossil Fuels: Commercial Sector 2002-June 2012 (continued)

Period	Receipts		Petroleum Coke				Receipts		Natural Gas			All Fossil Fuels
	(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)	AVG % Sulfur	Percentage of Consumption	(billion Btu)	(1000 Mcf)	(dollars per MMBtu)	(dollars per Mcf)	Percentage of Consumption	(dollars per MMBtu)
Annual Totals												
2002	0	0	.00	.00	.0	.0	18,671	18,256	3.44	3.52	24.7	2.92
2003	0	0	.	.	.0	.0	18,169	17,827	4.96	5.06	30.5	4.02
2004	0	0	.00	.00	.0	.0	16,176	15,804	5.93	6.07	21.9	4.58
2005	0	0	.00	.	.	.	17,600	17,142	8.38	8.60	25.2	6.25
2006	0	0	.00	.	.	.	21,369	20,819	8.33	8.55	30.7	6.42
2007	0	0	.00	.	.	.	23,502	22,955	7.99	8.18	32.8	6.20
2008	370	14	2.14	58.36	5.5	135.3	71,670	69,877	9.01	9.24	105.5	6.94
2009	252	9	1.65	46.54	5.1	102.8	81,134	79,308	5.18	5.30	105.0	4.58
2010	410	15	2.19	60.59	5.7	122.5	92,055	90,130	5.39	5.51	105.1	4.83
2011	NM	NM	2.64	75.47	5.6	223.9	NM	NM	5.09	5.20	106.7	4.73
2009												
January	NM	NM	2.04	54.08	5.4	116.1	7,139	6,961	6.92	7.09	105.8	5.77
February	NM	NM	1.83	52.21	5.4	99.0	6,392	6,231	6.20	6.36	107.3	5.19
March	NM	NM	1.65	47.07	4.9	100.0	6,601	6,442	5.61	5.74	105.6	4.69
April	0	0	.00	.00	.0	.	5,830	5,701	4.87	4.98	104.7	4.26
May	0	0	.00	.00	.0	.	5,637	5,511	4.69	4.80	103.5	4.21
June	0	0	.00	.00	.0	.	6,252	6,113	4.62	4.72	104.3	4.19
July	NM	NM	1.61	46.08	4.6	.	7,449	7,278	4.58	4.69	103.4	4.18
August	NM	NM	1.82	51.51	4.9	100.3	7,990	7,821	4.37	4.46	104.9	4.08
September	27	1	1.34	38.11	5.1	91.3	7,450	7,285	4.05	4.14	104.0	3.88
October	0	0	.00	.00	.0	.	6,757	6,615	5.00	5.11	105.8	4.54
November	35	1	1.26	35.88	5.1	100.3	6,344	6,214	5.26	5.37	104.8	4.55
December	53	2	1.56	44.39	4.9	106.3	7,293	7,135	6.03	6.17	105.6	5.13
2010												
January	38	1	1.69	45.95	5.5	100.4	7,928	7,757	6.92	7.07	107.0	5.82
February	32	1	1.80	48.98	5.5	99.4	7,189	7,040	6.55	6.69	106.3	5.51
March	41	2	2.08	56.61	5.5	104.6	7,062	6,916	5.83	5.96	105.1	5.19
April	20	1	2.15	58.52	5.5	81.3	6,394	6,258	5.09	5.20	104.5	4.48
May	22	1	2.14	61.12	5.5	.0	6,102	5,980	5.10	5.21	104.2	4.55
June	24	1	2.00	56.93	5.5	.0	6,583	6,449	5.25	5.36	104.3	4.74
July	30	1	2.33	65.85	5.8	.0	8,579	8,397	5.25	5.36	103.5	4.83
August	33	1	2.58	73.47	5.8	98.0	9,335	9,139	5.09	5.20	103.8	4.58
September	27	1	2.57	73.21	5.8	83.1	7,936	7,765	4.65	4.75	103.8	4.30
October	42	2	2.33	63.97	5.8	120.6	7,954	7,785	4.69	4.80	104.8	4.47
November	43	2	2.04	55.92	5.8	93.1	7,758	7,601	4.67	4.76	106.6	4.24
December	58	2	2.45	67.15	5.8	110.3	9,235	9,043	5.63	5.75	106.9	5.09
2011												
January	42	1	NM	NM	5.3	98.3	NM	NM	5.71	5.84	106.9	NM
February	36	1	NM	NM	5.5	105.1	NM	NM	5.57	5.70	108.0	NM
March	34	1	NM	NM	5.7	81.8	NM	NM	5.26	5.37	106.7	NM
April	NM	NM	NM	NM	5.5	.0	NM	NM	5.23	5.34	105.4	4.82
May	NM	NM	NM	NM	5.8	.0	NM	NM	NM	NM	105.7	NM
June	NM	NM	W	W	5.8	.0	NM	NM	5.24	5.34	105.8	W
July	NM	NM	NM	NM	5.8	.0	NM	NM	NM	NM	104.4	NM
August	NM	NM	NM	NM	5.8	.0	NM	NM	5.06	5.16	105.8	4.75
September	NM	NM	NM	NM	5.8	.0	NM	NM	NM	NM	105.9	NM
October	NM	NM	NM	NM	5.2	.0	NM	NM	NM	NM	107.1	NM
November	NM	NM	NM	NM	5.3	132.6	NM	NM	4.58	4.67	109.9	4.41
December	43	2	NM	NM	5.2	98.3	NM	NM	NM	NM	108.4	NM
2012												
January	46	2	NM	NM	5.1	97.9	NM	NM	4.41	4.50	104.3	NM
February	45	2	NM	NM	5.4	113.7	NM	NM	NM	NM	107.8	NM
March	36	1	NM	NM	5.7	96.3	NM	NM	NM	NM	106.1	NM
April	NM	NM	NM	NM	5.3	116.9	NM	NM	NM	NM	106.3	NM
May	0	0	.00	.00	.0	.0	NM	NM	NM	NM	105.3	NM
June	0	0	.00	.00	.0	.0	NM	NM	NM	NM	103.8	NM
Year to Date												
2010	178	6	1.95	53.70	5.5	131.1	41,258	40,400	5.85	5.97	105.3	5.09
2011	NM	NM	W	W	5.6	163.2	NM	NM	5.37	5.49	106.4	W
2012	130	5	W	W	5.4	102.7	NM	NM	3.77	3.85	105.5	W
Rolling 12 Months Ending in June												
2011	NM	NM	W	W	5.7	65.9	NM	NM	NM	NM	105.7	W
2012	NM	NM	NM	NM	4.6	54.6	NM	NM	NM	NM	106.2	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions. 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 4.5 Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector 2002-June 2012

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption	Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption
	(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)			(billion Btu)	(1000 barrels)	(dollars per MMBtu)	(dollars per barrel)		
<b>Annual Totals</b>												
2002	294,234	13,659	1.45	31.29	1.6	52.1	29,137	4,638	3.55	22.33	1.2	26.5
2003	322,547	15,076	1.45	31.01	1.4	60.7	27,538	4,624	4.85	28.86	1.3	23.2
2004	326,495	15,324	1.63	34.79	1.4	57.6	25,491	4,107	4.98	30.93	1.4	18.5
2005	339,968	16,011	1.94	41.17	1.4	61.9	36,383	5,876	6.64	41.13	1.4	26.4
2006	320,640	15,208	2.03	42.76	1.5	60.2	19,514	3,214	7.57	45.95	1.3	21.2
2007	303,091	13,540	2.20	49.16	1.4	60.1	33,637	5,514	8.53	52.06	1.3	38.8
2008	493,724	22,044	2.72	60.96	1.3	100.7	48,822	7,958	12.50	76.69	1.0	109.0
2009	431,686	19,661	2.81	61.68	1.2	99.5	55,899	9,232	9.83	59.52	.8	112.8
2010	468,991	21,492	2.75	60.08	1.3	87.2	33,276	5,554	13.21	79.15	.9	125.6
2011	446,344	20,639	2.98	64.38	1.4	83.5	25,147	4,198	18.04	108.08	1.1	141.1
<b>2009</b>												
January	36,562	1,654	3.09	68.35	1.3	92.3	9,767	1,601	8.12	49.57	.9	151.1
February	37,973	1,726	2.95	65.01	1.3	107.5	7,327	1,211	8.24	49.88	.7	136.1
March	37,194	1,714	2.83	61.39	1.2	101.3	5,137	865	7.87	46.78	.8	111.0
April	35,600	1,612	2.76	60.96	1.2	108.4	3,957	673	8.75	51.40	.9	103.2
May	32,431	1,482	2.90	63.53	1.2	95.6	4,091	671	9.26	56.49	.8	74.8
June	35,103	1,594	2.76	60.80	1.2	99.6	4,920	813	10.45	63.24	.8	123.4
July	36,776	1,680	2.74	59.98	1.2	101.3	620	620	11.02	67.06	.8	107.3
August	37,929	1,739	2.75	59.95	1.1	102.7	4,406	723	11.55	70.39	.9	134.4
September	36,169	1,645	2.73	60.01	1.2	102.1	2,615	431	12.05	73.10	.9	77.3
October	34,755	1,579	2.72	59.97	1.3	94.5	2,959	485	12.25	74.72	1.0	103.4
November	36,274	1,646	2.72	59.84	1.2	101.5	517	3,129	12.05	72.96	.8	105.8
December	34,920	1,590	2.75	60.33	1.2	89.2	3,816	622	12.43	76.24	.9	100.9
<b>2010</b>												
January	34,732	1,580	2.79	61.38	1.3	75.5	4,869	811	12.80	76.83	.9	140.8
February	35,539	1,606	2.83	62.50	1.3	81.2	2,888	477	12.58	76.17	1.2	97.5
March	41,435	1,865	2.80	62.26	1.3	87.8	2,546	422	12.80	77.21	1.1	121.4
April	37,998	1,713	2.76	61.15	1.3	77.2	1,616	271	13.57	80.84	1.0	84.1
May	38,477	1,743	2.72	59.95	1.2	86.7	2,427	406	12.92	77.32	.9	136.6
June	42,012	2,008	2.71	56.76	1.1	105.8	2,655	444	12.67	75.80	.8	172.6
July	39,484	1,797	2.75	60.33	1.2	84.7	2,876	482	12.77	76.20	.8	143.4
August	45,083	2,150	2.68	56.26	1.3	98.0	2,922	487	12.69	76.05	.9	177.9
September	39,511	1,795	2.80	61.55	1.2	92.5	2,454	412	12.85	76.49	.8	152.2
October	39,628	1,808	2.74	60.11	1.3	92.4	2,190	366	13.65	81.69	.9	99.6
November	38,003	1,732	2.74	60.17	1.3	93.4	2,347	396	14.71	87.06	.9	107.5
December	37,089	1,694	2.74	60.05	1.4	75.4	3,487	579	14.82	89.26	.9	112.4
<b>2011</b>												
January	40,454	1,876	2.90	62.55	1.3	80.9	3,152	522	14.97	90.36	1.2	146.4
February	35,312	1,613	2.94	64.45	1.4	78.9	2,214	370	16.55	99.02	1.2	133.2
March	35,194	1,630	2.88	62.12	1.4	78.1	2,113	351	18.02	108.57	1.1	135.4
April	36,230	1,679	2.98	64.35	1.4	95.0	2,276	378	18.78	113.09	.8	128.4
May	34,536	1,596	3.01	65.07	1.4	75.1	NM	NM	NM	NM	1.2	193.3
June	37,565	1,722	3.05	66.55	1.4	83.7	1,886	319	19.24	113.78	.9	135.3
July	35,632	1,646	3.0	64.96	1.4	74.5	1,692	284	19.46	115.85	1.3	130.3
August	41,929	1,923	3.07	66.89	1.4	88.1	1,834	307	17.41	104.15	1.1	139.5
September	37,568	1,759	2.92	62.42	1.4	83.8	1,561	262	18.80	112.19	1.0	107.7
October	35,951	1,668	3.01	64.84	1.3	80.2	2,051	343	18.90	113.07	.9	135.5
November	37,220	1,714	3.02	65.50	1.4	93.4	1,918	323	19.04	113.21	1.1	170.7
December	38,753	1,814	2.94	62.83	1.5	94.2	1,869	314	19.76	117.80	1.2	150.9
<b>2012</b>												
January	36,774	1,705	3.07	66.16	1.5	81.1	NM	NM	20.76	123.53	1.0	145.5
February	36,312	1,879	2.79	53.97	1.4	99.4	NM	NM	20.90	124.46	1.0	165.1
March	32,649	1,515	3.07	66.05	1.4	78.9	1,566	266	17.18	101.13	1.0	138.3
April	33,555	1,537	3.27	71.34	1.6	96.7	1,153	194	21.13	125.45	.9	108.5
May	33,906	1,551	3.31	72.35	1.6	92.3	NM	NM	NM	NM	.9	195.2
June	34,097	1,556	3.25	71.19	1.7	94.7	1,316	224	19.76	116.34	.9	129.8
<b>Year to Date</b>												
2010	230,194	10,516	2.77	60.55	1.3	85.3	17,001	2,831	12.83	77.07	1.0	123.6
2011	219,291	10,116	2.96	64.16	1.4	81.6	14,222	2,366	17.38	104.48	1.1	143.9
2012	207,294	9,743	3.12	66.40	1.5	90.0	NM	NM	20.0	118.66	.9	145.8
<b>Rolling 12 Months Ending in June</b>												
2011	458,088	21,092	2.85	61.96	1.3	85.7	NM	NM	NM	NM	1.0	138.7
2012	434,347	20,266	3.06	65.71	1.5	88.1	NM	NM	NM	NM	1.0	143.1

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information.

See Glossary for definitions. 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 4.5 Receipts Average Cost and Quality of Fossil Fuels: Industrial Sector 2002-June 2012 (continued)**

Period	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost		AVG % Sulfur	Percentage of Consumption	Receipts		Average Cost		Percentage of Consumption	Average Cost
	(billion Btu)	(1000 tons)	(dollars per MMBtu)	(dollars per ton)			(billion Btu)	(1000 Mcf)	(dollars per MMBtu)	(dollars per Mcf)		(dollars per MMBtu)
<b>Annual Totals</b>												
2002	3,846	138	.76	21.20	5.9	9.1	852,547	828,439	3.36	3.46	66.8	2.88
2003	16,383	594	1.04	28.74	5.7	47.3	823,681	798,996	5.32	5.48	69.9	4.20
2004	14,876	540	.98	27.01	5.6	40.4	839,886	814,843	6.04	6.22	68.4	4.76
2005	16,620	594	1.21	33.75	5.4	58.2	828,882	805,132	8.00	8.24	74.3	6.18
2006	17,875	646	1.63	45.05	5.4	42.7	869,157	844,211	7.02	7.22	75.7	5.64
2007	19,700	698	1.96	55.42	5.5	43.6	896,803	871,178	6.97	7.18	82.9	5.78
2008	39,246	1,396	3.34	93.84	4.9	117.9	1,099,613	1,068,372	8.96	9.22	111.9	7.10
2009	38,924	1,381	1.80	50.82	4.5	114.2	1,117,489	1,088,880	4.27	4.38	110.0	4.02
2010	35,866	1,269	2.46	69.38	4.9	100.5	1,166,768	1,135,917	4.64	4.77	110.4	4.24
2011	34,709	1,225	3.17	89.70	5.4	96.8	1,278,744	1,244,147	4.24	4.36	121.5	4.10
<b>2009</b>												
January	3,723	132	2.47	69.67	4.4	134.8	92,422	90,002	5.97	6.14	111.3	5.29
February	2,851	101	2.14	60.08	4.5	102.2	81,052	78,882	4.75	4.88	110.6	4.37
March	3,249	115	1.94	54.76	4.3	122.9	90,847	88,448	4.25	4.36	112.5	3.94
April	2,974	105	1.47	41.48	4.5	130.5	86,303	84,086	3.95	4.06	114.1	3.71
May	2,748	98	1.68	47.32	4.7	117.7	86,177	83,988	3.79	3.89	109.5	3.69
June	3,016	106	1.71	48.63	4.8	110.8	91,419	89,197	3.91	4.01	108.6	3.80
July	2,861	101	1.79	50.71	4.5	109.5	90,572	88,229	4.01	4.11	108.3	3.82
August	3,753	133	1.80	50.73	4.5	121.4	102,238	99,672	3.71	3.80	108.2	3.65
September	3,688	130	1.50	42.30	4.5	114.5	99,342	96,840	3.22	3.30	109.7	3.21
October	3,187	113	1.68	47.23	4.5	104.8	95,996	93,558	4.13	4.24	110.1	3.89
November	3,438	122	1.59	44.65	4.6	109.1	91,432	89,106	4.42	4.54	110.5	4.07
December	3,436	122	1.80	50.60	4.5	119.2	101,090	98,473	5.19	5.33	108.1	4.71
<b>2010</b>												
January	2,644	94	1.98	55.72	4.5	85.0	103,441	100,700	6.06	6.23	111.9	5.43
February	1,617	57	1.89	53.71	4.8	53.5	92,052	89,617	5.62	5.77	112.6	4.97
March	2,151	76	2.28	64.61	4.8	80.7	96,305	93,754	4.89	5.02	112.3	4.38
April	3,134	110	2.31	65.60	5.1	125.6	89,012	86,651	4.19	4.31	110.1	3.85
May	2,812	99	2.36	67.00	5.0	99.2	93,846	91,314	4.37	4.49	112.0	4.02
June	2,746	97	2.29	64.41	5.0	84.4	95,210	92,629	4.58	4.71	109.8	4.14
July	3,445	123	2.54	71.36	4.7	112.3	103,153	100,425	4.82	4.95	109.9	4.37
August	4,313	153	2.71	76.26	4.7	133.3	106,486	103,638	4.69	4.82	109.3	4.22
September	3,742	133	2.68	75.58	5.0	130.2	96,833	94,214	4.02	4.13	108.3	3.79
October	3,016	106	2.66	75.62	4.9	99.7	95,174	92,702	3.92	4.03	110.4	3.71
November	2,862	101	2.47	69.84	5.2	91.0	93,589	91,184	3.74	3.84	111.3	3.62
December	3,383	120	2.71	76.42	5.2	113.3	101,666	99,087	4.65	4.77	107.5	4.36
<b>2011</b>												
January	2,997	106	3.05	86.21	5.3	106.0	110,667	107,937	4.48	4.60	120.7	4.26
February	2,208	78	2.68	75.79	5.4	68.0	97,968	95,420	4.51	4.63	120.6	4.27
March	2,431	86	2.93	83.22	5.5	70.9	104,345	101,613	4.05	4.16	124.9	3.95
April	2,117	75	3.04	85.80	5.2	64.0	102,233	99,596	4.42	4.53	121.1	4.26
May	2,333	83	3.48	98.10	5.2	64.9	106,472	103,762	4.48	4.60	119.6	4.35
June	2,531	89	W	W	5.2	87.8	102,349	99,713	4.57	4.69	120.2	W
July	4,078	142	3.58	102.66	5.3	136.9	109,159	106,401	4.59	4.70	121.1	4.35
August	3,454	122	3.33	94.51	5.5	124.4	114,245	111,202	4.48	4.61	124.5	4.24
September	3,500	123	3.27	93.16	5.5	144.0	108,622	104,186	4.16	4.33	123.7	3.98
October	2,803	99	3.32	93.54	5.4	106.7	102,978	100,239	3.93	4.04	123.4	3.90
November	2,714	96	2.82	79.73	5.5	83.2	107,923	105,178	3.66	3.76	122.9	3.68
December	3,540	126	3.08	86.67	5.4	143.8	111,783	108,900	3.63	3.72	116.4	3.64
<b>2012</b>												
January	3,590	127	2.78	78.51	5.5	89.3	112,845	109,994	3.26	3.35	116.9	3.41
February	2,110	73	2.32	66.70	5.6	65.1	105,053	102,352	2.92	2.99	117.8	3.08
March	2,990	106	2.19	62.06	5.6	66.3	109,070	106,292	2.62	2.69	119.4	2.87
April	3,235	114	2.51	71.09	5.7	80.3	105,029	102,264	2.37	2.44	121.6	2.74
May	3,382	121	2.52	70.56	5.7	86.5	107,814	106,084	2.44	2.48	117.6	2.86
June	3,172	111	2.46	70.43	6.0	86.9	111,544	108,642	2.70	2.77	118.0	2.97
<b>Year to Date</b>												
2010	15,104	533	2.21	62.49	4.9	86.9	569,867	554,666	4.97	5.11	111.4	4.47
2011	14,619	517	W	W	5.3	75.8	624,033	608,042	4.42	4.53	121.1	W
2012	18,479	652	W	W	5.7	79.1	651,355	635,628	2.72	2.79	118.5	W
<b>Rolling 12 Months Ending in June</b>												
2011	35,381	1,253	W	W	5.1	95.1	1,220,934	1,189,293	4.36	4.48	115.3	W
2012	38,570	1,361	2.85	80.80	5.5	101.1	1,306,066	1,271,733	3.40	3.49	120.3	3.48

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions. 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 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, June 2012 and 2011  
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	NM	374	NM	--	80	NM	286	--	--	NM	NM
Connecticut	--	78	-100.0%	--	--	--	78	--	--	--	--
Maine	5	4	13.0%	--	--	2	2	--	--	2	2
Massachusetts	NM	212	NM	--	--	NM	206	--	--	NM	NM
New Hampshire	--	80	-100.0%	--	80	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	3,505	4,638	-24.0%	NM	NM	3,393	4,508	NM	NM	109	125
New Jersey	70	246	-72.0%	--	--	70	246	--	--	--	--
New York	68	376	-82.0%	NM	NM	NM	348	NM	NM	27	25
Pennsylvania	3,367	4,017	-16.0%	--	--	3,284	3,915	NM	NM	NM	100
East North Central	15,099	17,202	-12.0%	8,750	11,170	5,868	5,559	32	56	449	417
Illinois	5,429	5,082	6.8%	489	472	4,717	4,378	--	--	223	232
Indiana	3,402	3,598	-5.4%	3,018	3,160	357	411	20	19	NM	NM
Michigan	1,852	2,686	-31.0%	1,800	2,611	25	14	6	32	NM	NM
Ohio	2,952	3,843	-23.0%	2,089	3,048	770	755	--	--	93	40
Wisconsin	1,464	1,993	-27.0%	1,354	1,879	--	--	NM	NM	105	107
West North Central	11,315	11,509	-1.7%	10,980	11,134	--	--	27	33	308	342
Iowa	1,889	2,159	-13.0%	1,681	1,937	--	--	21	22	186	199
Kansas	1,455	1,461	-0.5%	1,455	1,461	--	--	--	--	--	--
Minnesota	1,010	1,412	-29.0%	936	1,327	--	--	--	--	NM	NM
Missouri	3,743	3,394	10.0%	3,729	3,375	--	--	6	11	NM	NM
Nebraska	1,176	1,227	-4.2%	1,153	1,200	--	--	--	--	NM	NM
North Dakota	1,925	1,733	11.0%	1,907	1,712	--	--	--	--	NM	NM
South Dakota	118	121	-2.5%	118	121	--	--	--	--	--	--
South Atlantic	8,266	11,361	-27.0%	6,758	9,084	1,220	1,891	NM	NM	279	378
Delaware	37	68	-45.0%	--	--	37	68	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	1,261	1,746	-28.0%	1,119	1,570	114	143	--	--	28	32
Georgia	1,835	2,433	-25.0%	1,803	2,373	--	--	--	--	32	60
Maryland	422	753	-44.0%	--	--	393	718	--	--	29	35
North Carolina	1,474	1,791	-18.0%	1,352	1,655	77	87	NM	NM	39	44
South Carolina	773	1,124	-31.0%	753	1,084	--	NM	--	--	20	28
Virginia	560	938	-40.0%	386	666	56	128	NM	NM	115	141
West Virginia	1,903	2,509	-24.0%	1,345	1,735	543	735	--	--	15	38
East South Central	7,838	8,707	-10.0%	7,383	8,293	279	201	NM	NM	172	207
Alabama	2,014	2,309	-13.0%	1,975	2,264	NM	NM	--	--	32	37
Kentucky	3,345	3,508	-4.7%	3,345	3,508	--	--	--	--	--	--
Mississippi	529	529	0.1%	258	336	272	193	--	--	--	--
Tennessee	1,949	2,360	-17.0%	1,805	2,185	--	--	NM	NM	140	171
West South Central	12,811	12,509	2.4%	6,374	6,517	6,384	5,936	--	--	NM	NM
Arkansas	1,393	1,494	-6.7%	1,270	1,342	112	139	--	--	NM	NM
Louisiana	1,345	1,340	0.3%	687	801	657	540	--	--	NM	NM
Oklahoma	1,390	1,266	9.8%	1,288	1,129	61	95	--	--	NM	NM
Texas	8,683	8,408	3.3%	3,129	3,246	5,554	5,162	--	--	--	--
Mountain	8,447	8,932	-5.4%	7,834	8,244	500	580	--	--	113	107
Arizona	1,967	1,918	2.6%	1,933	1,885	--	--	--	--	NM	NM
Colorado	1,474	1,487	-0.9%	1,456	1,466	NM	NM	--	--	--	--
Idaho	NM	NM	NM	--	--	--	--	--	--	NM	NM
Montana	424	471	-9.9%	NM	NM	404	448	--	--	--	--
Nevada	182	288	-37.0%	167	242	15	46	--	--	--	--
New Mexico	1,287	1,332	-3.4%	1,287	1,332	--	--	--	--	--	--
Utah	1,142	1,342	-15.0%	1,086	1,299	NM	NM	--	--	24	13
Wyoming	1,954	2,075	-5.8%	1,886	1,997	NM	NM	--	--	38	44
Pacific Contiguous	178	251	-29.0%	--	--	117	176	--	--	61	75
California	116	139	-17.0%	--	--	58	73	--	--	57	66
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	62	112	-44.0%	--	--	58	103	--	--	4	9
Pacific Noncontiguous	135	205	-34.0%	NM	NM	72	135	36	39	NM	NM
Alaska	NM	79	NM	NM	NM	NM	NM	36	39	--	--
Hawaii	64	126	-49.0%	--	--	58	119	--	--	NM	NM
U.S. Total	67,615	75,686	-11.0%	48,102	54,550	17,847	19,273	110	142	1,556	1,722

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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.

**4.6.B. Receipts of Coal Delivered for Electricity Generation by State, (Year-to-Date) June 2012 and 2011  
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	710	2,281	-69.0%	203	558	468	1,678	--	--	39	45
Connecticut	--	183	-100.0%	--	--	--	183	--	--	--	--
Maine	24	35	-32.0%	--	--	14	22	--	--	9	13
Massachusetts	483	1,505	-68.0%	--	--	454	1,473	--	--	29	32
New Hampshire	203	558	-64.0%	203	558	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	21,611	27,670	-22.0%	NM	NM	20,942	26,881	NM	15	645	759
New Jersey	326	1,124	-71.0%	--	--	326	1,124	--	--	--	--
New York	887	3,094	-71.0%	NM	NM	715	2,873	NM	NM	156	201
Pennsylvania	20,399	23,452	-13.0%	--	--	19,901	22,884	NM	NM	489	558
East North Central	87,576	99,143	-12.0%	52,940	61,984	32,008	34,443	195	256	2,433	2,460
Illinois	29,898	31,128	-4.0%	2,879	2,969	25,675	26,675	20	26	1,323	1,458
Indiana	18,666	21,598	-14.0%	16,669	18,964	1,859	2,485	NM	101	43	48
Michigan	10,365	13,150	-21.0%	10,102	12,797	72	67	50	96	141	190
Ohio	19,457	21,734	-10.0%	14,659	16,277	4,401	5,215	--	--	397	241
Wisconsin	9,191	11,534	-20.0%	8,631	10,977	--	--	30	33	530	523
West North Central	67,563	72,374	-6.6%	65,546	70,145	--	--	144	186	1,874	2,044
Iowa	12,031	12,435	-3.2%	10,835	11,169	--	--	111	126	1,086	1,140
Kansas	8,955	10,010	-11.0%	8,955	10,010	--	--	--	--	--	--
Minnesota	6,130	8,684	-29.0%	5,656	8,164	--	--	--	--	475	521
Missouri	21,709	22,139	-1.9%	21,630	21,991	--	--	33	60	45	88
Nebraska	7,010	7,080	-1.0%	6,859	6,914	--	--	--	--	151	165
North Dakota	11,017	11,093	-0.7%	10,899	10,964	--	--	--	--	NM	129
South Dakota	712	933	-24.0%	712	933	--	--	--	--	--	--
South Atlantic	58,652	72,947	-20.0%	47,209	58,317	9,475	12,324	NM	65	1,923	2,242
Delaware	256	278	-7.9%	--	--	256	278	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	8,961	10,343	-13.0%	8,266	9,275	529	885	--	--	166	183
Georgia	11,810	15,103	-22.0%	11,526	14,671	--	--	--	--	284	432
Maryland	2,897	4,819	-40.0%	--	--	2,698	4,598	--	--	198	222
North Carolina	9,870	14,087	-30.0%	9,160	13,291	453	498	NM	46	229	252
South Carolina	6,399	7,374	-13.0%	6,263	7,164	42	70	--	--	94	141
Virginia	3,198	5,916	-46.0%	2,053	4,245	356	814	NM	18	772	839
West Virginia	15,262	15,027	1.6%	9,941	9,670	5,142	5,182	--	--	179	174
East South Central	42,773	48,560	-12.0%	39,851	46,148	1,792	1,260	25	27	1,105	1,125
Alabama	11,798	13,799	-15.0%	11,564	13,534	42	46	--	--	192	219
Kentucky	19,680	20,187	-2.5%	19,680	20,187	--	--	--	--	--	--
Mississippi	3,153	2,888	9.2%	1,402	1,674	1,750	1,214	--	--	--	--
Tennessee	8,143	11,686	-30.0%	7,205	10,753	--	--	25	27	913	906
West South Central	74,535	78,679	-5.3%	39,414	40,859	34,378	37,436	--	--	743	383
Arkansas	8,878	8,715	1.9%	7,532	7,503	1,279	1,139	--	--	66	73
Louisiana	8,173	7,443	9.8%	3,821	3,838	4,350	3,604	--	--	NM	NM
Oklahoma	9,909	10,100	-1.9%	9,079	9,250	582	583	--	--	248	267
Texas	47,575	52,421	-9.2%	18,981	20,268	28,166	32,111	--	--	427	NM
Mountain	50,716	54,297	-6.6%	45,670	48,685	4,458	5,004	--	--	588	608
Arizona	11,605	11,539	0.6%	11,410	11,334	--	--	--	--	195	204
Colorado	8,796	9,574	-8.1%	8,686	9,454	110	121	--	--	--	--
Idaho	96	105	-9.0%	--	--	--	--	--	--	96	105
Montana	3,840	4,298	-11.0%	128	141	3,712	4,157	--	--	--	--
Nevada	1,137	1,685	-32.0%	883	1,368	255	317	--	--	--	--
New Mexico	6,777	7,599	-11.0%	6,777	7,599	--	--	--	--	--	--
Utah	5,870	7,373	-20.0%	5,613	7,128	186	194	--	--	71	51
Wyoming	12,595	12,125	3.9%	12,173	11,661	196	216	--	--	225	248
Pacific Contiguous	2,573	3,267	-21.0%	748	801	1,467	2,055	--	--	358	412
California	664	826	-20.0%	--	--	356	464	--	--	307	362
Oregon	748	801	-6.6%	748	801	--	--	--	--	--	--
Washington	1,161	1,641	-29.0%	--	--	1,110	1,591	--	--	51	50
Pacific Noncontiguous	863	1,048	-18.0%	134	147	401	579	292	283	35	39
Alaska	517	530	-2.4%	134	147	NM	100	292	283	--	--
Hawaii	345	518	-33.0%	--	--	310	479	--	--	35	39
U.S. Total	407,573	460,268	-11.0%	291,730	327,659	105,389	121,661	712	831	9,743	10,116

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, June 2012 and 2011  
(Thousand Barrels)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	124	NM	NM	12	NM	77	53	NM	NM	20	NM
Connecticut	63	39	60.0%	NM	NM	63	39	--	--	NM	NM
Maine	26	NM	NM	NM	NM	5	NM	NM	NM	20	NM
Massachusetts	28	NM	NM	8	NM	8	NM	12	NM	NM	NM
New Hampshire	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	209	236	-11.0%	40	28	149	193	NM	NM	NM	NM
New Jersey	20	NM	NM	NM	NM	17	23	NM	NM	NM	NM
New York	124	103	20.0%	40	27	70	70	NM	NM	NM	NM
Pennsylvania	66	105	-37.0%	NM	NM	62	101	NM	NM	NM	NM
East North Central	142	261	-45.0%	119	234	14	19	NM	NM	5	NM
Illinois	11	17	-36.0%	4	NM	7	11	NM	NM	NM	NM
Indiana	32	35	-8.6%	30	33	NM	NM	NM	NM	2	NM
Michigan	28	37	-25.0%	23	32	--	NM	NM	NM	*	1
Ohio	65	165	-61.0%	56	157	6	8	--	--	3	*
Wisconsin	7	NM	NM	7	7	NM	NM	NM	NM	NM	NM
West North Central	57	93	-39.0%	54	89	NM	NM	NM	NM	NM	NM
Iowa	26	34	-23.0%	26	34	NM	NM	NM	NM	NM	NM
Kansas	6	NM	NM	6	NM	--	--	--	--	--	--
Minnesota	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Missouri	11	26	-59.0%	11	26	--	--	NM	NM	--	--
Nebraska	NM	8	NM	NM	8	--	--	--	--	--	--
North Dakota	NM	NM	NM	NM	7	--	--	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
South Atlantic	234	969	-76.0%	129	746	NM	118	NM	NM	84	NM
Delaware	2	7	-69.0%	NM	NM	2	7	--	--	--	--
District of Columbia	--	44	-100.0%	--	--	--	44	--	--	--	--
Florida	69	500	-86.0%	57	474	NM	NM	--	--	NM	NM
Georgia	30	NM	NM	14	10	--	--	NM	NM	16	NM
Maryland	8	52	-84.0%	NM	NM	6	47	NM	NM	1	4
North Carolina	40	NM	NM	14	24	NM	NM	NM	NM	26	NM
South Carolina	40	65	-39.0%	NM	45	--	--	NM	NM	21	19
Virginia	NM	209	NM	NM	176	NM	NM	*	1	NM	NM
West Virginia	16	16	-0.3%	16	16	--	--	--	--	--	--
East South Central	NM	NM	NM	60	47	NM	NM	--	--	NM	NM
Alabama	NM	NM	NM	20	15	NM	NM	--	--	NM	NM
Kentucky	23	25	-6.8%	23	25	--	--	--	--	--	--
Mississippi	8	NM	NM	6	NM	--	--	--	--	NM	NM
Tennessee	15	NM	NM	12	6	--	--	--	--	NM	NM
West South Central	32	NM	NM	4	17	25	7	NM	NM	NM	NM
Arkansas	NM	NM	NM	--	5	1	3	--	--	NM	NM
Louisiana	NM	NM	NM	NM	NM	3	3	--	--	NM	NM
Oklahoma	NM	NM	NM	NM	NM	--	--	NM	NM	NM	NM
Texas	26	NM	NM	4	12	21	1	NM	NM	NM	NM
Mountain	57	54	4.0%	49	48	7	5	NM	NM	NM	NM
Arizona	17	20	-15.0%	16	19	--	--	NM	NM	NM	NM
Colorado	NM	NM	NM	NM	NM	--	--	--	--	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	5	3	45.0%	NM	NM	5	3	--	--	--	--
Nevada	3	3	-7.3%	NM	2	2	1	--	--	--	--
New Mexico	NM	NM	NM	NM	NM	NM	--	--	NM	NM	NM
Utah	NM	11	NM	NM	10	NM	NM	--	--	--	--
Wyoming	16	7	110.0%	15	7	--	--	--	--	NM	NM
Pacific Contiguous	NM	NM	NM	13	NM	NM	NM	NM	NM	NM	NM
California	5	NM	NM	5	NM	--	NM	NM	NM	*	*
Oregon	7	NM	NM	7	NM	--	--	--	--	NM	NM
Washington	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Pacific Noncontiguous	1,456	1,188	23.0%	1,205	939	194	185	NM	NM	54	NM
Alaska	132	118	12.0%	122	109	--	--	NM	NM	NM	NM
Hawaii	1,324	1,069	24.0%	1,083	831	194	185	NM	NM	47	NM
U.S. Total	2,428	3,096	-22.0%	1,686	2,165	490	585	29	NM	224	319

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.7.B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) June 2012 and 2011  
(Thousand Barrels)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	452	1,035	-56.0%	NM	55	223	507	NM	NM	137	NM
Connecticut	129	132	-2.4%	NM	NM	127	128	--	--	NM	NM
Maine	183	619	-70.0%	NM	NM	NM	243	NM	NM	134	NM
Massachusetts	98	194	-49.0%	NM	NM	51	135	NM	NM	NM	NM
New Hampshire	NM	NM	NM	NM	12	NM	NM	NM	NM	NM	NM
Rhode Island	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--
Vermont	NM	NM	NM	NM	NM	--	--	--	--	--	--
Middle Atlantic	1,072	1,716	-38.0%	302	499	638	1,071	23	NM	109	NM
New Jersey	49	334	-85.0%	NM	203	NM	118	NM	NM	NM	NM
New York	754	897	-16.0%	298	296	347	488	19	NM	NM	NM
Pennsylvania	269	485	-45.0%	NM	NM	255	465	NM	NM	NM	NM
East North Central	674	940	-28.0%	491	770	100	107	NM	31	77	32
Illinois	69	88	-22.0%	21	31	47	57	NM	NM	NM	NM
Indiana	174	172	1.1%	108	149	NM	NM	NM	NM	64	17
Michigan	156	211	-26.0%	126	181	20	NM	NM	25	5	5
Ohio	250	431	-42.0%	212	379	31	48	--	--	7	4
Wisconsin	26	38	-31.0%	23	30	NM	NM	NM	NM	NM	NM
West North Central	329	369	-11.0%	315	338	NM	NM	NM	NM	NM	NM
Iowa	123	94	32.0%	122	92	NM	NM	NM	NM	NM	NM
Kansas	42	46	-9.2%	42	46	--	--	--	--	--	--
Minnesota	NM	NM	NM	16	25	NM	NM	NM	NM	NM	NM
Missouri	70	104	-32.0%	70	100	--	--	NM	NM	--	NM
Nebraska	21	30	-30.0%	21	30	--	--	--	--	--	--
North Dakota	40	48	-17.0%	35	36	--	--	NM	NM	NM	NM
South Dakota	9	NM	NM	9	NM	NM	NM	NM	NM	--	--
South Atlantic	1,766	6,083	-71.0%	972	4,752	NM	402	NM	NM	613	920
Delaware	22	42	-48.0%	NM	NM	22	42	--	--	--	--
District of Columbia	11	44	-76.0%	--	--	11	44	--	--	--	--
Florida	359	3,752	-90.0%	252	3,473	NM	60	--	--	NM	219
Georgia	300	344	-13.0%	171	112	NM	4	NM	NM	128	227
Maryland	128	160	-20.0%	NM	NM	59	140	NM	NM	66	14
North Carolina	299	NM	NM	167	145	NM	NM	NM	NM	129	NM
South Carolina	NM	310	NM	NM	144	NM	--	NM	NM	138	165
Virginia	NM	921	NM	NM	730	NM	86	3	4	NM	NM
West Virginia	109	166	-34.0%	99	143	10	22	--	--	--	--
East South Central	NM	709	NM	225	295	NM	NM	--	--	NM	400
Alabama	NM	429	NM	55	60	NM	NM	--	--	NM	354
Kentucky	108	136	-20.0%	108	136	--	--	--	--	--	--
Mississippi	NM	60	NM	14	48	--	--	--	--	NM	NM
Tennessee	63	85	-25.0%	48	51	--	--	--	--	NM	NM
West South Central	165	239	-31.0%	69	113	74	86	NM	NM	NM	NM
Arkansas	47	49	-3.2%	32	15	10	24	--	--	NM	NM
Louisiana	NM	57	NM	12	26	14	17	--	--	NM	NM
Oklahoma	NM	NM	NM	NM	NM	--	--	NM	NM	NM	NM
Texas	83	131	-37.0%	22	71	49	45	NM	NM	NM	NM
Mountain	249	253	-1.5%	221	225	21	20	NM	NM	NM	NM
Arizona	57	73	-21.0%	52	67	--	--	NM	NM	NM	NM
Colorado	19	27	-28.0%	19	26	*	--	NM	NM	NM	NM
Idaho	NM	NM	NM	NM	NM	--	--	--	--	--	--
Montana	15	15	-4.0%	NM	NM	14	15	--	--	--	--
Nevada	20	12	72.0%	14	8	6	4	--	--	--	--
New Mexico	53	33	61.0%	53	33	NM	--	--	NM	NM	NM
Utah	34	44	-22.0%	33	43	NM	NM	--	--	--	--
Wyoming	50	49	1.1%	49	48	--	--	--	--	NM	NM
Pacific Contiguous	108	126	-15.0%	45	41	32	13	NM	NM	NM	NM
California	60	31	95.0%	33	28	26	NM	NM	NM	1	2
Oregon	NM	NM	NM	7	6	--	--	--	--	NM	NM
Washington	NM	NM	NM	NM	NM	NM	12	NM	NM	NM	NM
Pacific Noncontiguous	6,942	7,180	-3.3%	5,671	5,658	950	1,149	14	14	306	359
Alaska	855	800	6.8%	801	746	--	--	NM	NM	41	42
Hawaii	6,087	6,380	-4.6%	4,870	4,912	950	1,149	2	NM	265	317
U.S. Total	12,236	18,650	-34.0%	8,353	12,746	2,220	3,371	NM	167	265	2,366

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.8.A. Receipts of Petroleum Coke Delivered for Electricity Generation by State, June 2012 and 2011  
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	NM	10	NM	--	--	NM	10	--	--	NM	NM
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	NM	10	NM	--	--	NM	10	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	35	51	-32.0%	NM	17	4	2	--	--	30	31
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	NM	NM	NM	NM	NM	4	2	--	--	NM	NM
Ohio	NM	NM	NM	--	--	--	--	--	--	NM	NM
Wisconsin	11	23	-50.0%	--	17	--	--	--	--	11	6
West North Central	--	7	-100.0%	--	6	--	--	--	NM	--	--
Iowa	--	7	-100.0%	--	6	--	--	--	NM	--	--
Kansas	--	--	NM	--	--	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	14	74	-81.0%	--	51	--	--	--	--	14	23
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	--	51	-100.0%	--	51	--	--	--	--	--	--
Georgia	14	23	-40.0%	--	--	--	--	--	--	14	23
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	69	77	-10.0%	69	77	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	69	77	-10.0%	69	77	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	157	122	29.0%	78	98	20	--	--	--	59	24
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	95	121	-21.0%	78	98	--	--	--	--	NM	22
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	62	NM	NM	--	--	20	--	--	--	42	NM
Mountain	18	21	-13.0%	--	--	18	21	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	18	21	-13.0%	--	--	18	21	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	NM	40	NM	--	--	NM	30	--	--	NM	NM
California	NM	40	NM	--	--	NM	30	--	--	NM	NM
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	304	403	-24.0%	148	249	46	63	--	NM	111	89

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.8.B. Receipts of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) June 2012 and 2011  
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	--	--	NM	--	--	--	--	--	--	--	--
Connecticut	--	--	NM	--	--	--	--	--	--	--	--
Maine	--	--	NM	--	--	--	--	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--	--	--	--	--
Vermont	--	--	NM	--	--	--	--	--	--	--	--
Middle Atlantic	NM	24	NM	--	--	NM	20	--	--	NM	NM
New Jersey	--	--	NM	--	--	--	--	--	--	--	--
New York	NM	20	NM	--	--	NM	20	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--	NM	NM
East North Central	219	333	-34.0%	23	72	10	45	--	--	186	216
Illinois	--	--	NM	--	--	--	--	--	--	--	--
Indiana	--	--	NM	--	--	--	--	--	--	--	--
Michigan	63	76	-17.0%	NM	NM	10	9	--	--	50	63
Ohio	62	113	-45.0%	--	--	--	35	--	--	62	77
Wisconsin	94	144	-35.0%	21	68	--	--	--	--	73	76
West North Central	NM	18	NM	NM	12	--	--	5	NM	--	--
Iowa	NM	16	NM	NM	9	--	--	5	NM	--	--
Kansas	--	3	-100.0%	--	3	--	--	--	--	--	--
Minnesota	--	--	NM	--	--	--	--	--	--	--	--
Missouri	--	--	NM	--	--	--	--	--	--	--	--
Nebraska	--	--	NM	--	--	--	--	--	--	--	--
North Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Dakota	--	--	NM	--	--	--	--	--	--	--	--
South Atlantic	335	566	-41.0%	235	456	--	--	--	--	101	109
Delaware	--	--	NM	--	--	--	--	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	235	456	-49.0%	235	456	--	--	--	--	--	--
Georgia	101	109	-7.7%	--	--	--	--	--	--	101	109
Maryland	--	--	NM	--	--	--	--	--	--	--	--
North Carolina	--	--	NM	--	--	--	--	--	--	--	--
South Carolina	--	--	NM	--	--	--	--	--	--	--	--
Virginia	--	--	NM	--	--	--	--	--	--	--	--
West Virginia	--	--	NM	--	--	--	--	--	--	--	--
East South Central	274	230	20.0%	274	230	--	--	--	--	--	--
Alabama	--	--	NM	--	--	--	--	--	--	--	--
Kentucky	274	230	20.0%	274	230	--	--	--	--	--	--
Mississippi	--	--	NM	--	--	--	--	--	--	--	--
Tennessee	--	--	NM	--	--	--	--	--	--	--	--
West South Central	855	779	9.7%	505	634	30	NM	--	--	320	134
Arkansas	--	--	NM	--	--	--	--	--	--	--	--
Louisiana	605	759	-20.0%	505	634	--	--	--	--	100	125
Oklahoma	NM	NM	NM	--	--	--	--	--	--	NM	NM
Texas	248	NM	NM	--	--	30	NM	--	--	218	NM
Mountain	122	133	-8.2%	--	--	122	133	--	--	--	--
Arizona	--	--	NM	--	--	--	--	--	--	--	--
Colorado	--	--	NM	--	--	--	--	--	--	--	--
Idaho	--	--	NM	--	--	--	--	--	--	--	--
Montana	122	133	-8.2%	--	--	122	133	--	--	--	--
Nevada	--	--	NM	--	--	--	--	--	--	--	--
New Mexico	--	--	NM	--	--	--	--	--	--	--	--
Utah	--	--	NM	--	--	--	--	--	--	--	--
Wyoming	--	--	NM	--	--	--	--	--	--	--	--
Pacific Contiguous	129	225	-43.0%	--	--	85	170	--	--	44	54
California	129	225	-43.0%	--	--	85	170	--	--	44	54
Oregon	--	--	NM	--	--	--	--	--	--	--	--
Washington	--	--	NM	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--	--	--	--	--
Alaska	--	--	NM	--	--	--	--	--	--	--	--
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	1,960	2,307	-15.0%	1,039	1,404	265	380	5	NM	652	517

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State, June 2012 and 2011**  
(Million Cubic Feet)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	42,044	39,871	5.5%	441	318	37,930	36,211	855	798	2,818	2,543
Connecticut	10,288	9,905	3.9%	71	64	9,673	9,413	150	101	394	327
Maine	4,089	4,624	-12.0%	--	--	2,099	2,762	NM	NM	1,989	1,860
Massachusetts	17,483	17,061	2.5%	261	234	16,287	15,965	531	531	404	331
New Hampshire	4,495	2,754	63.0%	107	15	4,358	2,715	--	--	31	25
Rhode Island	5,686	5,520	3.0%	--	--	5,513	5,355	173	165	--	--
Vermont	3	6	-56.0%	3	6	--	--	--	--	--	--
Middle Atlantic	107,522	87,339	23.0%	13,875	13,008	90,406	71,965	1,179	595	2,062	1,771
New Jersey	22,822	19,163	19.0%	--	--	21,864	18,394	153	121	804	648
New York	49,814	40,352	23.0%	13,854	12,993	34,576	26,553	949	407	436	399
Pennsylvania	34,886	27,824	25.0%	NM	NM	33,966	27,018	77	66	822	725
East North Central	75,228	33,561	124.0%	24,958	10,201	45,989	20,160	1,189	881	3,092	2,318
Illinois	13,098	6,111	114.0%	890	798	10,850	4,103	455	484	903	727
Indiana	12,320	7,204	71.0%	8,309	3,507	2,873	2,658	112	90	1,026	949
Michigan	22,271	8,754	154.0%	5,679	1,636	15,574	6,641	431	183	587	293
Ohio	16,182	7,222	124.0%	4,246	2,314	11,753	4,750	--	--	183	157
Wisconsin	11,356	4,270	166.0%	5,832	1,946	4,938	2,008	192	123	393	192
West North Central	24,236	14,275	70.0%	20,247	12,092	3,182	1,667	315	175	492	341
Iowa	2,566	896	186.0%	2,482	852	NM	NM	34	NM	50	NM
Kansas	4,244	5,377	-21.0%	4,235	5,362	--	--	--	--	NM	NM
Minnesota	7,732	2,614	196.0%	6,016	1,573	1,182	680	174	108	360	253
Missouri	7,506	4,809	56.0%	5,395	3,771	2,000	987	107	46	NM	NM
Nebraska	1,643	432	281.0%	1,642	431	--	NM	NM	NM	--	--
North Dakota	74	49	50.0%	5	NM	--	--	--	--	68	45
South Dakota	471	99	376.0%	471	99	--	--	--	--	--	--
South Atlantic	194,108	169,838	14.0%	145,543	129,509	41,376	35,713	NM	NM	6,723	4,352
Delaware	6,041	3,734	62.0%	42	31	5,170	3,702	--	--	829	--
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	107,970	105,746	2.1%	95,420	93,437	9,714	9,575	NM	NM	2,553	2,474
Georgia	34,309	22,119	55.0%	18,556	10,941	14,200	10,291	--	--	1,552	887
Maryland	5,143	3,414	51.0%	--	--	4,492	3,260	132	NM	519	152
North Carolina	13,658	10,790	27.0%	11,409	8,796	1,962	1,762	NM	NM	NM	NM
South Carolina	9,556	9,446	1.2%	8,616	6,988	895	2,339	NM	NM	NM	117
Virginia	17,120	13,939	23.0%	11,480	9,101	4,755	4,431	--	--	886	NM
West Virginia	311	650	-52.0%	19	214	188	352	--	--	104	83
East South Central	87,865	67,530	30.0%	45,144	34,015	39,109	30,270	NM	NM	3,441	3,099
Alabama	41,315	33,969	22.0%	10,217	9,664	28,745	22,426	--	--	2,352	1,880
Kentucky	3,613	2,316	56.0%	2,944	1,802	310	187	--	--	359	327
Mississippi	35,624	27,196	31.0%	24,953	19,040	10,054	7,658	NM	NM	NM	NM
Tennessee	7,314	4,048	81.0%	7,031	3,510	--	--	135	112	148	427
West South Central	322,684	298,893	8.0%	94,419	88,184	152,499	139,067	NM	NM	75,128	71,033
Arkansas	14,901	13,338	12.0%	3,328	3,988	10,892	8,845	NM	NM	NM	NM
Louisiana	59,958	51,626	16.0%	26,733	24,260	10,474	5,188	NM	NM	22,694	22,125
Oklahoma	36,376	33,939	7.2%	24,476	25,313	11,287	8,109	NM	NM	NM	NM
Texas	211,448	199,991	5.7%	39,882	34,622	119,846	116,925	NM	410	51,299	48,034
Mountain	65,656	48,598	35.0%	39,456	27,249	24,985	20,198	NM	NM	NM	NM
Arizona	25,294	16,996	49.0%	12,318	7,669	12,889	9,243	NM	NM	NM	NM
Colorado	8,414	7,247	16.0%	4,704	3,417	NM	NM	NM	NM	NM	NM
Idaho	582	396	47.0%	450	192	71	93	--	--	61	111
Montana	132	NM	NM	81	NM	51	NM	--	--	NM	NM
Nevada	18,438	NM	NM	12,838	9,681	NM	NM	NM	NM	NM	NM
New Mexico	NM	6,944	NM	5,067	4,340	NM	NM	NM	NM	NM	--
Utah	NM	NM	NM	3,894	1,893	661	382	NM	--	NM	NM
Wyoming	727	534	36.0%	104	34	34	NM	--	--	589	489
Pacific Contiguous	NM	NM	NM	23,202	13,688	NM	NM	NM	NM	NM	NM
California	NM	NM	NM	22,059	13,166	NM	NM	NM	NM	NM	NM
Oregon	1,441	1,067	35.0%	139	50	1,165	903	--	--	137	115
Washington	2,022	1,278	58.0%	1,004	471	565	603	95	63	358	141
Pacific Noncontiguous	2,957	3,079	-4.0%	2,894	3,040	--	--	NM	NM	59	NM
Alaska	2,957	3,079	-4.0%	2,894	3,040	--	--	NM	NM	59	NM
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	1,006,488	819,698	23.0%	410,178	331,306	479,863	381,919	NM	NM	108,642	99,713

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.9.B. Receipts of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) June 2012 and 2011  
(Million Cubic Feet)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	220,339	218,541	0.8%	1,452	1,552	197,015	195,981	5,540	5,637	16,331	15,372
Connecticut	52,285	49,735	5.1%	423	333	48,761	46,671	881	693	2,220	2,038
Maine	24,258	25,580	-5.2%	--	--	12,605	14,512	NM	NM	11,645	11,062
Massachusetts	87,140	90,508	-3.7%	845	919	80,380	83,698	3,628	3,784	2,287	2,107
New Hampshire	26,340	22,542	17.0%	166	273	25,994	22,104	--	--	NM	165
Rhode Island	30,298	30,149	0.5%	--	--	29,274	28,995	1,023	1,154	--	--
Vermont	19	27	-31.0%	19	27	--	--	--	--	--	--
Middle Atlantic	540,995	438,076	23.0%	60,386	58,774	463,267	363,014	5,126	4,332	12,216	11,956
New Jersey	109,716	97,224	13.0%	--	--	104,095	91,953	880	819	4,741	4,453
New York	232,475	197,398	18.0%	60,299	58,720	165,711	132,860	3,850	3,168	2,615	2,650
Pennsylvania	198,803	143,453	39.0%	86	54	193,460	138,201	397	344	4,860	4,853
East North Central	361,847	190,524	90.0%	117,861	49,591	216,268	117,899	8,000	5,775	19,718	17,259
Illinois	43,347	27,064	60.0%	1,738	1,478	33,117	16,869	3,238	3,635	5,254	5,082
Indiana	68,610	48,024	43.0%	47,033	25,041	13,856	15,402	667	641	7,054	6,941
Michigan	113,876	51,823	120.0%	21,101	4,226	86,635	44,751	2,577	418	3,563	2,428
Ohio	84,934	40,490	110.0%	21,730	9,080	61,995	30,304	--	--	1,209	1,106
Wisconsin	51,080	23,123	121.0%	26,260	9,766	20,665	10,574	1,518	1,080	2,637	1,702
West North Central	82,794	47,634	74.0%	66,892	37,660	10,205	5,818	2,442	1,261	3,255	2,895
Iowa	6,688	3,535	89.0%	6,259	3,094	NM	NM	260	197	168	243
Kansas	15,658	12,657	24.0%	15,620	12,640	--	--	--	--	NM	NM
Minnesota	30,684	13,551	126.0%	22,964	7,585	3,882	2,823	1,434	976	2,404	2,168
Missouri	25,118	16,091	56.0%	18,019	12,986	6,322	2,994	744	85	NM	NM
Nebraska	3,012	1,096	175.0%	3,009	1,093	--	NM	NM	NM	--	--
North Dakota	623	451	38.0%	NM	NM	--	--	--	--	612	441
South Dakota	1,012	252	302.0%	1,012	252	--	--	--	--	--	--
South Atlantic	1,014,552	774,685	31.0%	743,594	594,544	228,788	152,600	2,349	NM	39,821	25,932
Delaware	35,100	16,438	114.0%	186	129	27,654	15,342	--	--	7,260	967
District of Columbia	--	--	NM	--	--	--	--	--	--	--	--
Florida	573,345	515,807	11.0%	503,263	458,398	53,697	42,701	NM	NM	14,754	13,111
Georgia	152,748	88,306	73.0%	83,044	42,003	61,172	40,723	--	--	8,531	5,579
Maryland	29,004	10,911	166.0%	--	--	26,307	9,815	493	NM	2,203	1,094
North Carolina	74,067	36,968	100.0%	59,195	26,939	11,899	8,475	NM	NM	2,755	NM
South Carolina	54,696	45,435	20.0%	44,809	38,575	9,602	6,222	NM	NM	NM	635
Virginia	93,849	59,100	59.0%	52,931	28,177	37,515	28,529	--	--	3,402	2,393
West Virginia	1,744	1,721	1.3%	167	322	941	793	--	--	636	606
East South Central	442,149	302,635	46.0%	236,674	163,891	183,905	118,362	1,003	936	20,567	19,446
Alabama	220,123	158,439	39.0%	57,158	52,211	148,901	93,711	--	--	14,064	12,518
Kentucky	20,560	9,012	128.0%	17,213	6,221	1,261	378	--	--	2,086	2,413
Mississippi	171,401	118,835	44.0%	134,109	91,386	33,743	24,273	NM	NM	3,338	2,969
Tennessee	30,065	16,349	84.0%	28,194	14,074	--	--	791	730	1,079	1,546
West South Central	1,583,348	1,396,390	13.0%	397,745	354,590	746,582	608,372	3,718	3,638	435,303	429,791
Arkansas	69,049	51,326	35.0%	11,016	10,659	53,051	35,281	NM	NM	4,974	5,380
Louisiana	293,958	282,076	4.2%	110,365	113,953	48,566	32,899	NM	NM	134,700	134,909
Oklahoma	163,563	124,109	32.0%	111,699	92,216	48,185	28,566	NM	NM	2,758	2,445
Texas	1,056,778	938,880	13.0%	164,664	137,761	596,780	511,627	2,463	2,435	292,872	287,057
Mountain	308,788	238,614	29.0%	183,140	132,586	114,770	97,522	NM	NM	NM	NM
Arizona	105,905	66,731	59.0%	52,167	28,728	53,131	37,431	NM	NM	NM	NM
Colorado	41,538	40,130	3.5%	23,981	18,667	17,419	21,264	NM	NM	NM	NM
Idaho	5,962	3,301	81.0%	1,084	555	4,024	1,605	--	--	855	1,142
Montana	356	127	180.0%	194	57	159	68	--	--	NM	NM
Nevada	86,321	72,681	19.0%	61,307	48,527	NM	NM	NM	NM	NM	NM
New Mexico	36,153	33,060	9.4%	22,848	20,152	NM	NM	NM	NM	NM	NM
Utah	26,242	18,452	42.0%	21,236	15,753	3,321	1,574	NM	NM	NM	NM
Wyoming	6,312	4,132	53.0%	324	147	NM	NM	--	--	5,913	3,958
Pacific Contiguous	537,688	387,226	39.0%	154,006	96,249	293,435	195,225	NM	NM	NM	NM
California	479,951	355,878	35.0%	129,287	87,972	264,474	175,832	NM	NM	NM	NM
Oregon	36,424	18,804	94.0%	11,189	3,231	24,006	14,385	--	--	1,228	1,188
Washington	21,313	12,544	70.0%	13,530	5,047	4,954	5,008	847	579	1,982	1,911
Pacific Noncontiguous	20,380	19,881	2.5%	19,862	19,521	--	--	NM	NM	503	342
Alaska	20,380	19,881	2.5%	19,862	19,521	--	--	NM	NM	503	342
Hawaii	--	--	NM	--	--	--	--	--	--	--	--
U.S. Total	5,112,880	4,014,207	27.0%	1,981,612	1,508,958	2,454,234	1,854,794	NM	NM	635,628	608,042

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.10.A. Average Cost of Coal Delivered for Electricity Generation by State, June 2012 and 2011  
(Dollar per MMBTU)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011
New England	W	W	W	--	3.39	W	W
Connecticut	--	W	W	--	--	--	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	--	3.39	-100.0%	--	3.39	--	--
Rhode Island	--	--	NM	--	--	--	--
Vermont	--	--	NM	--	--	--	--
Middle Atlantic	2.47	2.71	-8.9%	NM	NM	2.47	2.71
New Jersey	W	4.11	W	--	--	W	4.11
New York	W	3.34	W	NM	NM	W	3.33
Pennsylvania	2.42	2.56	-5.5%	--	--	2.42	2.56
East North Central	2.37	2.32	2.2%	2.58	2.46	2.02	2.02
Illinois	1.82	1.74	4.6%	2.10	2.03	1.79	1.71
Indiana	W	W	W	2.59	2.49	W	W
Michigan	W	W	W	2.99	2.64	W	W
Ohio	2.55	2.48	2.8%	2.45	2.31	2.85	3.28
Wisconsin	2.39	2.56	-6.6%	2.39	2.56	--	--
West North Central	1.74	1.65	5.5%	1.74	1.65	--	--
Iowa	1.47	1.46	0.7%	1.47	1.46	--	--
Kansas	1.85	1.76	5.1%	1.85	1.76	--	--
Minnesota	1.97	1.91	3.1%	1.97	1.91	--	--
Missouri	1.86	1.74	6.9%	1.86	1.74	--	--
Nebraska	1.62	1.54	5.2%	1.62	1.54	--	--
North Dakota	1.52	1.39	9.4%	1.52	1.39	--	--
South Dakota	2.15	2.05	4.9%	2.15	2.05	--	--
South Atlantic	3.42	3.37	1.5%	3.48	3.38	3.08	3.33
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	NM	--	--	--	--
Florida	3.58	3.63	-1.4%	3.49	3.40	4.45	6.20
Georgia	3.58	3.78	-5.3%	3.58	3.78	--	--
Maryland	3.39	3.66	-7.4%	--	--	3.39	3.66
North Carolina	3.77	3.63	3.9%	3.78	3.63	3.58	3.66
South Carolina	3.99	W	W	3.99	3.66	--	W
Virginia	W	3.51	W	3.76	3.49	W	3.63
West Virginia	2.60	2.36	10.0%	2.70	2.41	2.32	2.22
East South Central	W	W	W	2.68	2.70	W	W
Alabama	W	W	W	2.95	3.01	W	W
Kentucky	2.43	2.32	4.7%	2.43	2.32	--	--
Mississippi	W	W	W	4.51	3.82	W	W
Tennessee	2.59	2.85	-9.1%	2.59	2.85	--	--
West South Central	1.98	1.95	1.5%	2.09	1.97	1.85	1.93
Arkansas	W	W	W	2.09	1.79	W	W
Louisiana	W	W	W	2.89	2.72	W	W
Oklahoma	W	W	W	1.96	1.74	W	W
Texas	1.87	1.92	-2.6%	1.98	1.95	1.80	1.90
Mountain	1.87	1.79	4.5%	1.89	1.80	1.56	1.62
Arizona	2.08	2.0	4.0%	2.08	2.0	--	--
Colorado	W	W	W	1.81	1.73	W	W
Idaho	--	--	NM	--	--	--	--
Montana	1.50	1.52	-1.3%	NM	NM	1.49	1.51
Nevada	W	W	W	2.58	2.58	W	W
New Mexico	2.15	2.10	2.4%	2.15	2.10	--	--
Utah	W	W	W	2.08	1.76	W	W
Wyoming	W	W	W	1.35	1.34	W	W
Pacific Contiguous	2.91	W	W	--	--	2.91	W
California	W	3.20	W	--	--	W	3.20
Oregon	--	--	NM	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	NM	NM	W	W
Alaska	W	W	W	NM	NM	W	W
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.36	2.40	-1.7%	2.42	2.40	2.18	2.40

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, (Year-to-Date) June 2012 and 2011  
(Dollar per MMBTU)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011
New England	W	3.72	W	3.98	3.52	W	3.80
Connecticut	--	W	W	--	--	--	W
Maine	W	W	W	--	--	W	W
Massachusetts	4.17	3.80	9.7%	--	--	4.17	3.80
New Hampshire	3.98	3.52	13.0%	3.98	3.52	--	--
Rhode Island	--	--	NM	--	--	--	--
Vermont	--	--	NM	--	--	--	--
Middle Atlantic	2.55	2.69	-5.2%	NM	4.17	2.55	2.69
New Jersey	W	4.17	W	--	--	W	4.17
New York	W	3.22	W	NM	4.17	W	3.21
Pennsylvania	2.49	2.54	-2.0%	--	--	2.49	2.54
East North Central	2.38	2.28	4.4%	2.52	2.42	2.12	1.98
Illinois	1.92	1.72	12.0%	2.11	2.06	1.90	1.68
Indiana	W	W	W	2.60	2.40	W	W
Michigan	W	W	W	2.93	2.72	W	W
Ohio	2.52	2.44	3.3%	2.38	2.26	3.0	3.05
Wisconsin	2.31	2.48	-6.9%	2.31	2.48	--	--
West North Central	1.73	1.62	6.8%	1.73	1.62	--	--
Iowa	1.48	1.42	4.2%	1.48	1.42	--	--
Kansas	1.84	1.73	6.4%	1.84	1.73	--	--
Minnesota	1.96	1.91	2.6%	1.96	1.91	--	--
Missouri	1.86	1.69	10.0%	1.86	1.69	--	--
Nebraska	1.57	1.51	4.0%	1.57	1.51	--	--
North Dakota	1.51	1.33	14.0%	1.51	1.33	--	--
South Dakota	2.26	2.09	8.1%	2.26	2.09	--	--
South Atlantic	3.38	3.39	-0.3%	3.47	3.44	2.92	3.12
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	NM	--	--	--	--
Florida	3.56	3.60	-1.1%	3.50	3.52	4.44	4.37
Georgia	3.55	3.78	-6.1%	3.55	3.78	--	--
Maryland	3.50	3.67	-4.6%	--	--	3.50	3.67
North Carolina	3.80	3.59	5.8%	3.82	3.60	3.52	3.46
South Carolina	W	W	W	4.02	3.74	W	W
Virginia	W	W	W	3.74	3.45	W	W
West Virginia	2.52	2.38	5.9%	2.65	2.48	2.23	2.19
East South Central	W	W	W	2.70	2.60	W	W
Alabama	W	W	W	3.0	2.82	W	W
Kentucky	2.44	2.31	5.6%	2.44	2.31	--	--
Mississippi	W	W	W	4.43	3.83	W	W
Tennessee	2.62	2.72	-3.7%	2.62	2.72	--	--
West South Central	2.04	1.88	8.5%	2.06	1.91	2.01	1.85
Arkansas	W	W	W	2.08	1.82	W	W
Louisiana	W	W	W	2.76	2.65	W	W
Oklahoma	W	W	W	1.98	1.72	W	W
Texas	1.97	1.85	6.5%	1.96	1.90	1.98	1.81
Mountain	1.83	1.77	3.4%	1.87	1.80	1.40	1.48
Arizona	2.05	1.93	6.2%	2.05	1.93	--	--
Colorado	W	W	W	1.83	1.71	W	W
Idaho	--	--	NM	--	--	--	--
Montana	W	1.39	W	1.64	1.60	W	1.39
Nevada	W	W	W	2.59	2.59	W	W
New Mexico	2.21	2.03	8.9%	2.21	2.03	--	--
Utah	W	W	W	1.94	1.82	W	W
Wyoming	W	W	W	1.40	1.45	W	W
Pacific Contiguous	2.35	W	W	1.89	1.81	2.56	W
California	W	W	W	--	--	W	W
Oregon	1.89	1.81	4.4%	1.89	1.81	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	1.67	1.64	W	W
Alaska	W	W	W	1.67	1.64	W	W
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.39	2.36	1.3%	2.43	2.38	2.29	2.31

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.11.A. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, June 2012 and 2011  
(Dollar per MMBTU)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011
New England	W	24.18	W	18.63	22.67	W	24.47
Connecticut	W	25.02	W	NM	NM	W	25.04
Maine	W	W	W	NM	NM	W	W
Massachusetts	19.14	22.70	-16.0%	17.52	22.72	20.73	22.69
New Hampshire	W	W	W	20.55	23.33	W	W
Rhode Island	W	W	W	20.56	22.55	W	W
Vermont	20.59	NM	NM	20.59	NM	--	--
Middle Atlantic	W	21.55	W	20.72	22.63	W	21.39
New Jersey	19.14	19.73	-3.0%	NM	NM	19.02	19.60
New York	W	21.36	W	20.70	22.65	W	20.87
Pennsylvania	20.40	22.19	-8.1%	NM	NM	20.40	22.19
East North Central	21.07	22.63	-6.9%	21.07	22.54	21.05	23.71
Illinois	21.45	23.93	-10.0%	21.61	22.93	21.37	24.46
Indiana	W	W	W	20.83	22.42	W	W
Michigan	21.34	W	W	21.34	23.35	--	W
Ohio	W	22.37	W	21.10	22.35	W	22.65
Wisconsin	W	W	W	20.69	23.24	W	W
West North Central	21.58	23.04	-6.3%	21.57	23.03	NM	NM
Iowa	W	W	W	22.81	23.02	W	W
Kansas	18.17	22.78	-20.0%	18.17	22.78	--	--
Minnesota	W	W	W	21.69	24.12	W	W
Missouri	20.48	23.28	-12.0%	20.48	23.28	--	--
Nebraska	NM	23.43	NM	NM	23.43	--	--
North Dakota	21.56	21.34	1.0%	21.56	21.34	--	--
South Dakota	W	W	W	21.01	NM	W	W
South Atlantic	20.03	W	W	19.98	18.56	20.36	W
Delaware	20.41	22.80	-10.0%	NM	NM	20.42	22.81
District of Columbia	--	W	W	--	--	--	W
Florida	20.25	17.81	14.0%	20.25	17.79	NM	NM
Georgia	21.16	23.53	-10.0%	21.16	23.53	--	--
Maryland	19.49	22.53	-13.0%	NM	NM	19.41	22.54
North Carolina	20.27	22.77	-11.0%	20.28	22.78	NM	NM
South Carolina	NM	22.92	NM	NM	22.92	--	--
Virginia	NM	18.65	NM	NM	18.30	NM	22.73
West Virginia	21.68	24.32	-11.0%	21.68	24.32	--	--
East South Central	W	W	W	20.61	22.60	W	W
Alabama	W	W	W	21.09	22.60	W	W
Kentucky	20.82	22.70	-8.3%	20.82	22.70	--	--
Mississippi	20.52	NM	NM	20.52	NM	--	--
Tennessee	19.41	22.14	-12.0%	19.41	22.14	--	--
West South Central	W	23.35	W	20.60	23.84	W	22.19
Arkansas	W	W	W	--	23.28	W	W
Louisiana	W	W	W	NM	NM	W	W
Oklahoma	NM	NM	NM	NM	NM	--	--
Texas	20.13	W	W	20.55	24.09	20.05	W
Mountain	21.09	23.44	-10.0%	21.23	23.51	20.07	22.68
Arizona	19.79	23.64	-16.0%	19.79	23.64	--	--
Colorado	20.36	22.39	-9.1%	20.36	22.39	--	--
Idaho	NM	NM	NM	NM	NM	--	--
Montana	W	W	W	NM	NM	W	W
Nevada	W	W	W	26.40	24.56	W	W
New Mexico	W	26.06	W	23.01	26.06	W	--
Utah	W	W	W	21.48	22.09	W	W
Wyoming	21.96	24.09	-8.8%	21.96	24.09	--	--
Pacific Contiguous	W	W	W	22.16	25.04	W	W
California	23.17	W	W	23.17	NM	--	W
Oregon	21.11	NM	NM	21.11	NM	--	--
Washington	W	W	W	NM	NM	W	W
Pacific Noncontiguous	W	W	W	23.11	22.19	W	W
Alaska	21.77	23.97	-9.2%	21.77	23.97	--	--
Hawaii	W	W	W	23.24	21.99	W	W
U.S. Total	22.27	21.0	6.0%	22.46	21.04	21.63	20.82

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) June 2012 and 2011  
(Dollar per MMBTU)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011
New England	W	W	W	21.99	22.31	W	W
Connecticut	20.08	21.77	-7.8%	NM	21.94	20.06	21.77
Maine	W	W	W	NM	NM	W	W
Massachusetts	22.48	19.73	14.0%	20.74	22.51	23.08	19.35
New Hampshire	W	W	W	23.08	22.10	W	W
Rhode Island	W	W	W	NM	22.41	W	W
Vermont	NM	22.11	NM	NM	22.11	--	--
Middle Atlantic	21.51	19.47	10.0%	20.12	17.62	22.19	20.37
New Jersey	21.63	17.49	24.0%	NM	16.18	21.44	19.82
New York	21.15	18.67	13.0%	20.08	18.59	22.09	18.71
Pennsylvania	22.43	22.33	0.4%	NM	NM	22.43	22.33
East North Central	W	22.09	W	22.71	22.0	W	22.80
Illinois	23.99	23.57	1.8%	23.76	22.69	24.10	24.05
Indiana	W	W	W	22.82	21.67	W	W
Michigan	W	W	W	22.68	22.04	W	W
Ohio	22.67	21.95	3.3%	22.62	22.03	23.04	21.34
Wisconsin	W	W	W	22.16	22.20	W	W
West North Central	22.95	22.64	1.4%	22.94	22.64	NM	NM
Iowa	W	W	W	22.98	22.84	W	W
Kansas	22.19	22.13	0.3%	22.19	22.13	--	--
Minnesota	W	W	W	23.59	23.02	W	W
Missouri	22.92	22.32	2.7%	22.92	22.32	--	--
Nebraska	22.88	22.83	0.2%	22.88	22.83	--	--
North Dakota	23.66	22.84	3.6%	23.66	22.84	--	--
South Dakota	W	W	W	22.39	24.47	W	W
South Atlantic	W	17.79	W	22.67	17.57	W	20.58
Delaware	W	21.89	W	NM	NM	W	21.89
District of Columbia	W	W	W	--	--	W	W
Florida	22.51	17.12	31.0%	22.45	17.08	23.74	20.08
Georgia	24.28	W	W	24.28	22.30	NM	W
Maryland	22.65	21.01	7.8%	NM	21.71	22.67	20.99
North Carolina	22.99	21.51	6.9%	22.99	21.54	NM	NM
South Carolina	W	20.75	W	21.52	20.75	W	--
Virginia	NM	17.39	NM	NM	17.0	NM	20.93
West Virginia	W	W	W	23.0	22.60	W	W
East South Central	W	W	W	22.38	20.60	W	W
Alabama	W	W	W	22.43	22.14	W	W
Kentucky	22.65	23.03	-1.7%	22.65	23.03	--	--
Mississippi	21.44	12.20	76.0%	21.44	12.20	--	--
Tennessee	21.96	21.03	4.4%	21.96	21.03	--	--
West South Central	22.52	20.69	8.8%	22.93	19.44	22.14	22.36
Arkansas	W	W	W	23.10	21.21	W	W
Louisiana	W	W	W	22.34	12.36	W	W
Oklahoma	24.71	NM	NM	24.71	NM	--	--
Texas	W	W	W	22.84	21.91	W	W
Mountain	23.43	23.30	0.6%	23.64	23.49	21.11	20.92
Arizona	23.47	23.75	-1.2%	23.47	23.75	--	--
Colorado	W	21.71	W	22.52	21.71	W	--
Idaho	NM	NM	NM	NM	NM	--	--
Montana	W	W	W	NM	NM	W	W
Nevada	W	W	W	25.31	22.90	W	W
New Mexico	W	25.29	W	25.44	25.29	W	--
Utah	W	W	W	22.90	23.04	W	W
Wyoming	22.25	23.32	-4.6%	22.25	23.32	--	--
Pacific Contiguous	24.60	W	W	24.81	23.87	24.28	W
California	W	W	W	25.36	23.26	W	W
Oregon	21.12	25.13	-16.0%	21.12	25.13	--	--
Washington	W	W	W	26.39	25.10	W	W
Pacific Noncontiguous	W	W	W	22.97	19.92	W	W
Alaska	24.0	22.42	7.0%	24.0	22.42	--	--
Hawaii	W	W	W	22.83	19.59	W	W
U.S. Total	22.89	19.35	18.0%	22.82	19.21	23.14	19.89

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.12.A. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, June 2012 and 2011  
(Dollar per MMBTU)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011
New England	--	--	NM	--	--	--	--
Connecticut	--	--	NM	--	--	--	--
Maine	--	--	NM	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--
Vermont	--	--	NM	--	--	--	--
Middle Atlantic	W	W	W	--	--	W	W
New Jersey	--	--	NM	--	--	--	--
New York	W	W	W	--	--	W	W
Pennsylvania	--	--	NM	--	--	--	--
East North Central	W	W	W	NM	1.64	W	W
Illinois	--	--	NM	--	--	--	--
Indiana	--	--	NM	--	--	--	--
Michigan	W	W	W	NM	NM	W	W
Ohio	--	--	NM	--	--	--	--
Wisconsin	--	1.63	-100.0%	--	1.63	--	--
West North Central	--	1.69	-100.0%	--	1.69	--	--
Iowa	--	1.69	-100.0%	--	1.69	--	--
Kansas	--	--	NM	--	--	--	--
Minnesota	--	--	NM	--	--	--	--
Missouri	--	--	NM	--	--	--	--
Nebraska	--	--	NM	--	--	--	--
North Dakota	--	--	NM	--	--	--	--
South Dakota	--	--	NM	--	--	--	--
South Atlantic	--	4.54	-100.0%	--	4.54	--	--
Delaware	--	--	NM	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--
Florida	--	4.54	-100.0%	--	4.54	--	--
Georgia	--	--	NM	--	--	--	--
Maryland	--	--	NM	--	--	--	--
North Carolina	--	--	NM	--	--	--	--
South Carolina	--	--	NM	--	--	--	--
Virginia	--	--	NM	--	--	--	--
West Virginia	--	--	NM	--	--	--	--
East South Central	1.83	.50	266.0%	1.83	.50	--	--
Alabama	--	--	NM	--	--	--	--
Kentucky	1.83	.50	266.0%	1.83	.50	--	--
Mississippi	--	--	NM	--	--	--	--
Tennessee	--	--	NM	--	--	--	--
West South Central	W	3.55	W	2.31	3.55	W	--
Arkansas	--	--	NM	--	--	--	--
Louisiana	2.31	3.55	-35.0%	2.31	3.55	--	--
Oklahoma	--	--	NM	--	--	--	--
Texas	W	--	W	--	--	W	--
Mountain	W	W	W	--	--	W	W
Arizona	--	--	NM	--	--	--	--
Colorado	--	--	NM	--	--	--	--
Idaho	--	--	NM	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	--	--	NM	--	--	--	--
New Mexico	--	--	NM	--	--	--	--
Utah	--	--	NM	--	--	--	--
Wyoming	--	--	NM	--	--	--	--
Pacific Contiguous	NM	2.37	NM	--	--	NM	2.37
California	NM	2.37	NM	--	--	NM	2.37
Oregon	--	--	NM	--	--	--	--
Washington	--	--	NM	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--
Alaska	--	--	NM	--	--	--	--
Hawaii	--	--	NM	--	--	--	--
U.S. Total	1.96	2.44	-20.0%	2.09	2.66	1.56	1.60

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.12.B. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) June 2012 and 2011  
(Dollar per MMBTU)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011
New England	--	--	NM	--	--	--	--
Connecticut	--	--	NM	--	--	--	--
Maine	--	--	NM	--	--	--	--
Massachusetts	--	--	NM	--	--	--	--
New Hampshire	--	--	NM	--	--	--	--
Rhode Island	--	--	NM	--	--	--	--
Vermont	--	--	NM	--	--	--	--
Middle Atlantic	W	W	W	--	--	W	W
New Jersey	--	--	NM	--	--	--	--
New York	W	W	W	--	--	W	W
Pennsylvania	--	--	NM	--	--	--	--
East North Central	W	W	W	1.66	1.66	W	W
Illinois	--	--	NM	--	--	--	--
Indiana	--	--	NM	--	--	--	--
Michigan	W	W	W	NM	NM	W	W
Ohio	--	W	W	--	--	--	W
Wisconsin	1.68	1.64	2.4%	1.68	1.64	--	--
West North Central	NM	1.59	NM	NM	1.59	--	--
Iowa	NM	1.53	NM	NM	1.53	--	--
Kansas	--	1.76	-100.0%	--	1.76	--	--
Minnesota	--	--	NM	--	--	--	--
Missouri	--	--	NM	--	--	--	--
Nebraska	--	--	NM	--	--	--	--
North Dakota	--	--	NM	--	--	--	--
South Dakota	--	--	NM	--	--	--	--
South Atlantic	2.63	4.35	-40.0%	2.63	4.35	--	--
Delaware	--	--	NM	--	--	--	--
District of Columbia	--	--	NM	--	--	--	--
Florida	2.63	4.35	-40.0%	2.63	4.35	--	--
Georgia	--	--	NM	--	--	--	--
Maryland	--	--	NM	--	--	--	--
North Carolina	--	--	NM	--	--	--	--
South Carolina	--	--	NM	--	--	--	--
Virginia	--	--	NM	--	--	--	--
West Virginia	--	--	NM	--	--	--	--
East South Central	1.84	.55	235.0%	1.84	.55	--	--
Alabama	--	--	NM	--	--	--	--
Kentucky	1.84	.55	235.0%	1.84	.55	--	--
Mississippi	--	--	NM	--	--	--	--
Tennessee	--	--	NM	--	--	--	--
West South Central	W	W	W	1.93	3.35	W	W
Arkansas	--	--	NM	--	--	--	--
Louisiana	1.93	3.35	-42.0%	1.93	3.35	--	--
Oklahoma	--	--	NM	--	--	--	--
Texas	W	W	W	--	--	W	W
Mountain	W	W	W	--	--	W	W
Arizona	--	--	NM	--	--	--	--
Colorado	--	--	NM	--	--	--	--
Idaho	--	--	NM	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	--	--	NM	--	--	--	--
New Mexico	--	--	NM	--	--	--	--
Utah	--	--	NM	--	--	--	--
Wyoming	--	--	NM	--	--	--	--
Pacific Contiguous	1.98	2.64	-25.0%	--	--	1.98	2.64
California	1.98	2.64	-25.0%	--	--	1.98	2.64
Oregon	--	--	NM	--	--	--	--
Washington	--	--	NM	--	--	--	--
Pacific Noncontiguous	--	--	NM	--	--	--	--
Alaska	--	--	NM	--	--	--	--
Hawaii	--	--	NM	--	--	--	--
U.S. Total	1.89	2.85	-34.0%	2.06	3.12	1.26	1.84

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.13.A. Average Cost of Natural Gas Delivered for Electricity Generation by State, June 2012 and 2011  
(Dollar per MMBTU)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011
New England	3.39	5.02	-32.0%	5.53	5.75	3.37	5.02
Connecticut	3.25	5.11	-36.0%	NM	5.47	3.25	5.11
Maine	W	W	W	--	--	W	W
Massachusetts	3.39	4.93	-31.0%	5.74	5.73	3.36	4.92
New Hampshire	W	W	W	6.57	7.14	W	W
Rhode Island	3.55	5.06	-30.0%	--	--	3.55	5.06
Vermont	3.69	5.99	-38.0%	3.69	5.99	--	--
Middle Atlantic	3.08	5.31	-42.0%	3.19	5.17	3.07	5.33
New Jersey	2.95	5.22	-43.0%	--	--	2.95	5.22
New York	3.36	5.53	-39.0%	3.19	5.17	3.42	5.70
Pennsylvania	2.79	5.05	-45.0%	NM	NM	2.79	5.05
East North Central	2.87	5.29	-46.0%	2.87	5.42	2.87	5.23
Illinois	3.08	5.51	-44.0%	3.72	5.94	3.02	5.43
Indiana	2.72	5.19	-48.0%	2.70	5.26	2.78	5.09
Michigan	2.97	5.32	-44.0%	2.95	5.60	2.97	5.26
Ohio	2.70	5.16	-48.0%	2.70	5.14	2.70	5.17
Wisconsin	2.87	5.35	-46.0%	3.03	5.68	2.68	5.03
West North Central	3.04	5.19	-41.0%	3.09	5.19	2.74	5.19
Iowa	W	W	W	3.37	5.81	W	W
Kansas	2.90	4.73	-39.0%	2.90	4.73	--	--
Minnesota	W	W	W	3.13	6.34	W	W
Missouri	W	W	W	3.02	5.19	W	W
Nebraska	3.20	W	W	3.20	5.48	--	W
North Dakota	NM	NM	NM	NM	NM	--	--
South Dakota	3.14	5.61	-44.0%	3.14	5.61	--	--
South Atlantic	3.94	5.65	-30.0%	4.21	5.80	2.97	5.12
Delaware	W	W	W	NM	5.19	W	W
District of Columbia	--	--	NM	--	--	--	--
Florida	4.50	5.93	-24.0%	4.66	6.04	2.87	4.81
Georgia	3.01	5.10	-41.0%	3.04	5.0	2.99	5.20
Maryland	3.14	5.55	-43.0%	--	--	3.14	5.55
North Carolina	W	W	W	4.30	5.79	W	W
South Carolina	W	4.78	W	3.45	4.69	W	5.07
Virginia	2.86	5.15	-44.0%	2.91	5.18	2.73	5.08
West Virginia	3.06	5.0	-39.0%	2.43	4.95	3.12	5.04
East South Central	2.74	4.68	-41.0%	2.69	4.86	2.81	4.49
Alabama	2.86	4.56	-37.0%	2.87	4.88	2.85	4.42
Kentucky	W	W	W	3.35	6.12	W	W
Mississippi	W	W	W	2.59	4.74	W	W
Tennessee	2.49	4.77	-48.0%	2.49	4.77	--	--
West South Central	2.67	4.68	-43.0%	2.74	4.69	2.63	4.68
Arkansas	2.90	5.07	-43.0%	3.59	5.64	2.69	4.81
Louisiana	2.59	4.69	-45.0%	2.60	4.72	2.55	4.55
Oklahoma	2.73	4.63	-41.0%	2.80	4.64	2.58	4.61
Texas	2.65	4.66	-43.0%	2.71	4.60	2.64	4.68
Mountain	3.14	5.21	-40.0%	3.20	5.30	3.06	5.08
Arizona	3.25	5.40	-40.0%	3.55	5.89	2.96	4.99
Colorado	3.40	5.22	-35.0%	3.34	5.30	NM	5.15
Idaho	W	W	W	2.80	5.55	W	W
Montana	W	W	W	NM	NM	W	W
Nevada	3.04	5.04	-40.0%	3.07	4.97	NM	5.20
New Mexico	W	W	W	2.99	5.43	W	W
Utah	W	W	W	2.65	4.35	W	W
Wyoming	W	W	W	3.08	NM	W	W
Pacific Contiguous	3.23	5.01	-36.0%	3.64	5.36	3.02	4.84
California	3.23	4.94	-35.0%	3.64	5.26	3.02	4.78
Oregon	W	W	W	2.37	12.93	W	W
Washington	W	W	W	3.95	7.23	W	W
Pacific Noncontiguous	3.92	5.21	-25.0%	3.92	5.21	--	--
Alaska	3.92	5.21	-25.0%	3.92	5.21	--	--
Hawaii	--	--	NM	--	--	--	--
U.S. Total	3.13	5.09	-39.0%	3.40	5.28	2.90	4.92

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.13.B. Average Cost of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) June 2012 and 2011  
(Dollar per MMBTU)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2012	June 2011	Percent Change	June 2012	June 2011	June 2012	June 2011
New England	3.25	5.54	-41.0%	4.11	6.66	3.25	5.54
Connecticut	3.26	5.59	-42.0%	3.11	5.51	3.26	5.59
Maine	W	W	W	--	--	W	W
Massachusetts	3.13	5.52	-43.0%	4.06	6.82	3.12	5.51
New Hampshire	W	W	W	6.90	7.57	W	W
Rhode Island	3.46	5.60	-38.0%	--	--	3.46	5.60
Vermont	3.70	5.78	-36.0%	3.70	5.78	--	--
Middle Atlantic	3.23	5.58	-42.0%	3.55	5.82	3.19	5.55
New Jersey	3.26	5.56	-41.0%	--	--	3.26	5.56
New York	3.56	5.89	-40.0%	3.55	5.82	3.57	5.92
Pennsylvania	2.83	5.18	-45.0%	NM	NM	2.83	5.18
East North Central	2.79	4.89	-43.0%	2.79	4.99	2.79	4.85
Illinois	2.92	5.04	-42.0%	3.54	6.73	2.89	4.89
Indiana	2.72	4.71	-42.0%	2.68	4.67	2.85	4.79
Michigan	2.84	4.97	-43.0%	2.75	5.43	2.86	4.93
Ohio	2.66	4.80	-45.0%	2.60	4.77	2.68	4.81
Wisconsin	2.91	5.11	-43.0%	3.12	5.55	2.65	4.70
West North Central	3.25	5.43	-40.0%	3.32	5.44	2.77	5.37
Iowa	W	W	W	3.58	6.33	W	W
Kansas	2.91	4.85	-40.0%	2.91	4.85	--	--
Minnesota	W	W	W	3.66	6.23	W	W
Missouri	W	W	W	3.11	5.26	W	W
Nebraska	3.78	W	W	3.78	6.62	--	W
North Dakota	NM	NM	NM	NM	NM	--	--
South Dakota	3.06	5.41	-43.0%	3.06	5.41	--	--
South Atlantic	3.97	5.62	-29.0%	4.22	5.74	3.17	5.14
Delaware	W	W	W	NM	NM	W	W
District of Columbia	--	--	NM	--	--	--	--
Florida	4.49	5.79	-22.0%	4.66	5.90	2.92	4.62
Georgia	3.27	4.99	-34.0%	2.94	4.81	3.70	5.18
Maryland	2.79	W	W	--	--	2.79	W
North Carolina	W	W	W	4.10	6.32	W	W
South Carolina	W	4.61	W	3.25	4.58	W	4.80
Virginia	3.06	5.66	-46.0%	3.03	5.60	3.09	5.73
West Virginia	2.99	4.91	-39.0%	2.61	4.93	3.06	4.91
East South Central	2.67	4.62	-42.0%	2.67	4.66	2.66	4.57
Alabama	2.72	4.60	-41.0%	2.83	4.66	2.67	4.57
Kentucky	W	W	W	3.04	6.55	W	W
Mississippi	W	W	W	2.59	4.53	W	W
Tennessee	2.48	4.71	-47.0%	2.48	4.71	--	--
West South Central	2.61	4.52	-42.0%	2.70	4.60	2.56	4.47
Arkansas	2.71	4.80	-44.0%	3.21	5.55	2.61	4.57
Louisiana	2.58	4.50	-43.0%	2.61	4.55	2.50	4.33
Oklahoma	2.70	4.64	-42.0%	2.80	4.67	2.46	4.55
Texas	2.59	4.48	-42.0%	2.66	4.52	2.57	4.47
Mountain	3.18	5.10	-38.0%	3.25	5.34	3.08	4.77
Arizona	3.13	5.34	-41.0%	3.39	6.29	2.87	4.61
Colorado	3.75	5.10	-26.0%	3.74	5.19	3.75	5.01
Idaho	W	W	W	3.99	6.04	W	W
Montana	W	W	W	NM	NM	W	W
Nevada	3.15	5.05	-38.0%	3.18	5.25	3.06	4.62
New Mexico	W	W	W	3.06	5.12	W	W
Utah	W	W	W	2.70	4.33	W	W
Wyoming	W	W	W	3.36	5.76	W	W
Pacific Contiguous	3.18	4.78	-33.0%	3.54	5.13	3.0	4.61
California	3.21	4.73	-32.0%	3.59	5.05	3.02	4.58
Oregon	W	W	W	2.92	5.03	W	W
Washington	W	W	W	3.56	6.62	W	W
Pacific Noncontiguous	4.35	5.06	-14.0%	4.35	5.06	--	--
Alaska	4.35	5.06	-14.0%	4.35	5.06	--	--
Hawaii	--	--	NM	--	--	--	--
U.S. Total	3.15	5.06	-38.0%	3.45	5.24	2.90	4.91

\* = Value is less than half of the smallest unit of measure

(e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.14 Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State June 2012  
(Thousand Tons)**

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	NM	NM	NM	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	5	.6	6.9	--	--	--	--	--	--
Massachusetts	NM	NM	NM	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	2,854	3.0	14.2	NM	NM	NM	--	--	--
New Jersey	70	1.6	8.2	--	--	--	--	--	--
New York	53	1.2	11.4	15	.3	4.6	--	--	--
Pennsylvania	2,732	3.1	14.4	NM	NM	NM	--	--	--
East North Central	7,803	3.0	11.4	7,295	.2	4.8	--	--	--
Illinois	1,627	3.7	22.4	3,802	.2	4.6	--	--	--
Indiana	2,757	2.8	9.2	645	.3	5.3	--	--	--
Michigan	438	1.6	8.4	1,413	.3	5.1	--	--	--
Ohio	2,765	3.3	9.2	186	.3	5.2	--	--	--
Wisconsin	216	1.7	7.1	1,248	.3	4.9	--	--	--
West North Central	175	3.2	9.0	9,362	.3	5.1	1,779	.8	10.4
Iowa	81	3.5	8.0	1,807	.3	4.8	--	--	--
Kansas	20	3.3	12.9	1,434	.3	5.1	--	--	--
Minnesota	NM	NM	NM	1,003	.4	6.1	--	--	--
Missouri	66	3.0	8.9	3,676	.2	5.0	--	--	--
Nebraska	--	--	--	1,176	.3	5.0	--	--	--
North Dakota	--	--	--	147	.3	5.4	1,779	.8	10.4
South Dakota	--	--	--	118	.4	6.1	--	--	--
South Atlantic	7,241	1.8	10.5	950	.3	4.6	--	--	--
Delaware	37	2.1	7.5	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	1,261	2.1	9.5	--	--	--	--	--	--
Georgia	930	1.2	9.5	905	.3	4.6	--	--	--
Maryland	372	1.9	10.8	45	.2	4.9	--	--	--
North Carolina	1,474	1.2	10.9	--	--	--	--	--	--
South Carolina	773	1.3	9.7	--	--	--	--	--	--
Virginia	560	1.2	10.2	--	--	--	--	--	--
West Virginia	1,833	2.6	11.8	--	--	--	--	--	--
East South Central	5,649	2.4	10.2	2,024	.3	5.3	165	.5	15.4
Alabama	1,096	1.7	11.1	918	.3	5.3	--	--	--
Kentucky	3,119	2.9	10.4	225	.3	5.6	--	--	--
Mississippi	365	1.9	9.6	--	--	--	165	.5	15.4
Tennessee	1,069	2.1	9.0	881	.3	5.4	--	--	--
West South Central	77	2.1	18.2	8,460	.3	5.0	4,274	1.0	17.0
Arkansas	NM	NM	NM	1,382	.3	5.1	--	--	--
Louisiana	33	3.1	8.9	954	.3	5.0	358	.7	18.5
Oklahoma	33	.8	32.3	1,357	.3	4.9	--	--	--
Texas	--	--	--	4,767	.3	5.0	3,916	1.1	16.9
Mountain	2,614	.6	14.0	5,764	.5	10.0	NM	NM	NM
Arizona	592	.6	10.6	1,375	.7	10.8	--	--	--
Colorado	311	.5	11.1	1,163	.3	5.8	--	--	--
Idaho	NM	NM	NM	NM	NM	NM	--	--	--
Montana	--	--	--	387	.8	9.3	NM	NM	NM
Nevada	72	.4	11.1	111	.4	8.4	--	--	--
New Mexico	537	.7	22.7	751	.7	23.5	--	--	--
Utah	1,049	.6	13.1	60	1.1	8.3	--	--	--
Wyoming	38	2.3	11.7	1,916	.4	7.1	--	--	--
Pacific Contiguous	116	.6	11.4	62	.3	10.6	--	--	--
California	116	.6	11.4	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	62	.3	10.6	--	--	--
Pacific Noncontiguous	64	.6	10.6	NM	NM	NM	--	--	--
Alaska	--	--	--	NM	NM	NM	--	--	--
Hawaii	64	.6	10.6	--	--	--	--	--	--
U.S. Total	26,615	2.3	11.4	34,014	.3	5.9	6,237	.9	15.1

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.15 Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilities by State June 2012  
(Thousand Tons)**

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	NM	NM	NM	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--	--	--
New York	NM	NM	NM	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--	--	--
East North Central	5,360	2.9	9.2	3,390	.3	5.0	--	--	--
Illinois	242	3.2	12.6	247	.2	4.7	--	--	--
Indiana	2,493	2.7	9.0	525	.3	5.3	--	--	--
Michigan	407	1.6	8.4	1,393	.3	5.1	--	--	--
Ohio	2,089	3.5	9.5	--	--	--	--	--	--
Wisconsin	129	1.6	6.8	1,225	.3	4.9	--	--	--
West North Central	78	3.1	9.9	9,124	.3	5.1	1,779	.8	10.4
Iowa	NM	NM	NM	1,678	.3	4.8	--	--	--
Kansas	20	3.3	12.9	1,434	.3	5.1	--	--	--
Minnesota	NM	NM	NM	935	.4	6.1	--	--	--
Missouri	53	3.0	8.9	3,676	.2	5.0	--	--	--
Nebraska	--	--	--	1,153	.3	5.0	--	--	--
North Dakota	--	--	--	129	.3	5.4	1,779	.8	10.4
South Dakota	--	--	--	118	.4	6.1	--	--	--
South Atlantic	5,853	1.7	10.3	905	.3	4.6	--	--	--
Delaware	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	1,119	2.2	9.4	--	--	--	--	--	--
Georgia	898	1.2	9.5	905	.3	4.6	--	--	--
Maryland	--	--	--	--	--	--	--	--	--
North Carolina	1,352	1.2	10.8	--	--	--	--	--	--
South Carolina	753	1.4	9.7	--	--	--	--	--	--
Virginia	386	1.1	10.3	--	--	--	--	--	--
West Virginia	1,345	2.5	11.4	--	--	--	--	--	--
East South Central	5,359	2.5	10.3	2,024	.3	5.3	--	--	--
Alabama	1,057	1.7	11.1	918	.3	5.3	--	--	--
Kentucky	3,119	2.9	10.4	225	.3	5.6	--	--	--
Mississippi	258	1.4	10.0	--	--	--	--	--	--
Tennessee	924	2.2	9.1	881	.3	5.4	--	--	--
West South Central	33	3.1	8.9	5,319	.3	5.0	1,022	1.2	19.2
Arkansas	--	--	--	1,270	.3	5.0	--	--	--
Louisiana	33	3.1	8.9	297	.3	5.4	358	.7	18.5
Oklahoma	--	--	--	1,288	.3	4.9	--	--	--
Texas	--	--	--	2,464	.3	4.9	664	1.5	19.7
Mountain	2,518	.6	14.1	5,297	.5	10.1	NM	NM	NM
Arizona	592	.6	10.6	1,341	.7	10.8	--	--	--
Colorado	292	.5	11.1	1,163	.3	5.8	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	NM	NM	NM
Nevada	72	.4	11.1	96	.4	8.7	--	--	--
New Mexico	537	.7	22.7	751	.7	23.5	--	--	--
Utah	1,025	.6	13.2	60	1.1	8.3	--	--	--
Wyoming	--	--	--	1,886	.4	7.1	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	NM	NM	NM	--	--	--
Alaska	--	--	--	NM	NM	NM	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U.S. Total	19,202	2.1	10.5	26,068	.3	6.1	2,820	.9	13.5

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.16 Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State June 2012  
(Thousand Tons)**

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	NM	NM	NM	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	NM	NM	NM	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	2,661	3.1	14.4	15	.3	4.6	--	--	--
New Jersey	NM	NM	NM	--	--	--	--	--	--
New York	NM	NM	NM	15	.3	4.6	--	--	--
Pennsylvania	2,648	3.1	14.4	--	--	--	--	--	--
East North Central	1,778	3.3	18.9	3,830	.2	4.7	--	--	--
Illinois	1,193	3.8	26.1	3,524	.2	4.6	--	--	--
Indiana	--	--	--	NM	NM	NM	--	--	--
Michigan	NM	NM	NM	--	--	--	--	--	--
Ohio	584	2.6	8.4	186	.3	5.2	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	814	2.6	11.0	45	.2	4.9	--	--	--
Delaware	34	2.1	7.5	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--	--
Georgia	--	--	--	--	--	--	--	--	--
Maryland	300	1.9	8.5	45	.2	4.9	--	--	--
North Carolina	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
Virginia	NM	NM	NM	--	--	--	--	--	--
West Virginia	464	3.1	13.1	--	--	--	--	--	--
East South Central	107	3.0	8.7	--	--	--	165	.5	15.4
Alabama	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	107	3.0	8.7	--	--	--	165	.5	15.4
Tennessee	--	--	--	--	--	--	--	--	--
West South Central	--	--	--	3,071	.3	5.1	3,252	1.0	16.4
Arkansas	--	--	--	112	.3	6.2	--	--	--
Louisiana	--	--	--	657	.3	4.9	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--
Texas	--	--	--	2,302	.4	5.1	3,252	1.0	16.4
Mountain	--	--	--	432	.7	9.0	--	--	--
Arizona	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	387	.8	9.3	--	--	--
Nevada	--	--	--	15	.4	6.1	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	NM	NM	NM	--	--	--
Pacific Contiguous	--	--	--	58	.3	11.1	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	58	.3	11.1	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U.S. Total	5,371	3.1	15.0	7,452	.3	5.2	3,417	1.0	16.3

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.17 Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Commercial Combined Heat and Power Sector by State June 2012  
(Thousand Tons)**

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	--	--	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	NM	NM	NM	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--	--	--
New York	NM	NM	NM	--	--	--	--	--	--
Pennsylvania	NM	NM	NM	--	--	--	--	--	--
East North Central	32	2.4	8.7	--	--	--	--	--	--
Illinois	--	--	--	--	--	--	--	--	--
Indiana	20	2.8	9.2	--	--	--	--	--	--
Michigan	6	2.0	8.6	--	--	--	--	--	--
Ohio	--	--	--	--	--	--	--	--	--
Wisconsin	NM	NM	NM	--	--	--	--	--	--
West North Central	27	3.4	8.2	--	--	--	--	--	--
Iowa	21	3.5	8.0	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	6	3.1	8.7	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	NM	NM	NM	--	--	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--	--
Georgia	--	--	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--	--
North Carolina	NM	NM	NM	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
Virginia	NM	NM	NM	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--
East South Central	NM	NM	NM	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--
Tennessee	NM	NM	NM	--	--	--	--	--	--
West South Central	--	--	--	--	--	--	--	--	--
Arkansas	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	36	.3	5.9	--	--	--
Alaska	--	--	--	36	.3	5.9	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U.S. Total	73	2.6	8.9	36	.3	5.9	--	--	--

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 4.18 Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Combined Heat and Power Sector by State June 2012  
(Thousand Tons)**

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %	Receipts	Sulfur %	Ash %
New England	NM	NM	NM	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--	--	--
Maine	2	.6	6.9	--	--	--	--	--	--
Massachusetts	NM	NM	NM	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	73	2.2	13.2	NM	NM	NM	--	--	--
New Jersey	--	--	--	--	--	--	--	--	--
New York	27	1.2	11.4	--	--	--	--	--	--
Pennsylvania	46	2.8	14.3	NM	NM	NM	--	--	--
East North Central	382	3.1	11.6	66	.4	5.7	--	--	--
Illinois	191	3.7	14.8	32	.6	6.4	--	--	--
Indiana	NM	NM	NM	--	--	--	--	--	--
Michigan	NM	NM	NM	NM	NM	NM	--	--	--
Ohio	93	3.4	9.5	--	--	--	--	--	--
Wisconsin	82	1.9	7.4	NM	NM	NM	--	--	--
West North Central	70	3.3	8.4	238	.3	5.1	--	--	--
Iowa	57	3.5	8.0	129	.3	4.6	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	NM	NM	NM	NM	NM	NM	--	--	--
Missouri	NM	NM	NM	--	--	--	--	--	--
Nebraska	--	--	--	NM	NM	NM	--	--	--
North Dakota	--	--	--	NM	NM	NM	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	279	1.4	11.5	--	--	--	--	--	--
Delaware	--	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	28	2.1	9.5	--	--	--	--	--	--
Georgia	32	1.1	10.2	--	--	--	--	--	--
Maryland	29	2.1	22.8	--	--	--	--	--	--
North Carolina	39	1.2	10.9	--	--	--	--	--	--
South Carolina	20	.9	9.2	--	--	--	--	--	--
Virginia	115	1.3	10.0	--	--	--	--	--	--
West Virginia	15	1.2	12.3	--	--	--	--	--	--
East South Central	172	1.1	8.5	--	--	--	--	--	--
Alabama	32	1.4	9.8	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--	--
Tennessee	140	1.1	8.3	--	--	--	--	--	--
West South Central	NM	NM	NM	NM	NM	NM	NM	NM	NM
Arkansas	NM	NM	NM	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	NM	NM	NM
Oklahoma	--	--	--	NM	NM	NM	--	--	--
Texas	--	--	--	--	--	--	--	--	--
Mountain	77	1.7	11.0	NM	NM	NM	--	--	--
Arizona	--	--	--	NM	NM	NM	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	NM	NM	NM	NM	NM	NM	--	--	--
Montana	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	24	.3	9.4	--	--	--	--	--	--
Wyoming	38	2.3	11.7	--	--	--	--	--	--
Pacific Contiguous	57	.4	10.6	4	.4	3.7	--	--	--
California	57	.4	10.6	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	4	.4	3.7	--	--	--
Pacific Noncontiguous	NM	NM	NM	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	NM	NM	NM	--	--	--	--	--	--
U.S. Total	1,136	2.1	10.9	408	.4	5.7	NM	NM	NM

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

NM = Not meaningful due to large relative standard error or excessive percentage change.

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 5.1. Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2002-June 2012**  
(Million Kilowatthours)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
<b>Annual Totals</b>					
2002	1,265,180	1,104,497	990,238	.	3,465,466
2003	1,275,824	1,198,728	1,012,373	6,810	3,493,734
2004	1,291,982	1,230,425	1,017,850	7,224	3,547,479
2005	1,359,227	1,275,079	1,019,156	7,506	3,660,969
2006	1,351,520	1,299,744	1,011,298	7,358	3,669,919
2007	1,392,241	1,336,315	1,027,832	8,173	3,764,561
2008	1,379,981	1,335,981	1,009,300	7,700	3,732,962
2009	1,364,474	1,307,168	917,442	7,781	3,596,865
2010	1,445,708	1,330,199	970,873	7,712	3,754,493
2011	1,423,700	1,319,288	975,569	7,606	3,726,163
<b>2010</b>					
January	147,500	108,120	75,506	715	331,841
February	122,840	100,747	74,164	689	298,440
March	111,790	101,756	78,303	656	292,505
April	88,046	99,791	78,597	600	267,034
May	94,843	106,176	82,088	606	283,712
June	127,496	119,388	83,347	658	330,889
July	154,688	127,925	85,725	667	369,006
August	154,053	129,143	87,904	628	371,728
September	124,582	119,137	83,353	639	327,711
October	96,688	108,461	82,046	615	287,811
November	93,166	101,524	79,575	607	274,871
December	130,015	108,031	80,264	633	318,943
<b>2011</b>					
January	144,911	107,884	79,055	710	332,561
February	120,685	99,368	75,223	633	295,909
March	105,065	103,507	80,817	655	290,044
April	94,069	100,019	79,099	618	273,805
May	97,755	106,841	80,741	615	285,951
June	126,008	117,460	82,775	637	326,881
July	154,888	127,139	85,907	645	368,580
August	153,688	128,200	87,565	620	370,073
September	122,842	117,403	83,311	630	324,186
October	94,576	107,655	82,860	608	285,699
November	93,126	99,782	79,561	584	273,053
December	116,087	104,030	78,655	649	299,421
<b>2012</b>					
January	126,475	105,076	78,640	669	310,859
February	108,145	99,266	77,918	646	285,975
March	99,342	101,806	80,694	612	282,453
April	88,444	100,733	80,444	596	270,217
May	100,629	109,955	84,482	617	295,682
June	123,317	117,708	83,015	609	324,650
<b>Year to Date</b>					
2010	692,515	635,978	472,006	3,924	1,804,423
2011	688,493	635,079	477,710	3,869	1,805,151
2012	646,351	634,545	485,192	3,749	1,769,836
<b>Rolling 12 Months Ending in June</b>					
2011	1,441,686	1,329,300	976,577	7,657	3,755,221
2012	1,381,558	1,318,754	983,051	7,486	3,690,849

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions. Geographic coverage is the 50 States and the District of Columbia. Sales values for 1996-2011 include energy service provider (power marketer) data. Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. Sources: 2006-2008: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report; 1992-2005: Form EIA-861, Annual Electric Power Industry Report.



**Table 5.2 Revenue from Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2002-June 2012  
(Million Dollars)**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
<b>Annual Totals</b>					
2002	106,834	87,117	48,336	.	249,411
2003	111,249	96,263	51,741	514	259,767
2004	115,577	100,546	53,477	519	270,119
2005	128,393	110,522	58,445	643	298,003
2006	140,582	122,914	62,308	702	326,506
2007	148,295	128,903	65,712	792	343,703
2008	155,433	138,469	68,920	827	363,650
2009	157,008	132,940	62,504	828	353,280
2010	166,782	135,559	65,750	815	368,906
2011	167,930	136,138	67,212	805	372,084
<b>2010</b>					
January	15,476	10,328	4,910	73	30,787
February	13,375	9,960	4,861	72	28,268
March	12,415	10,126	5,114	67	27,722
April	10,309	9,934	5,147	63	25,453
May	11,296	10,776	5,453	64	27,589
June	15,189	12,605	5,805	73	33,673
July	18,620	13,713	6,196	73	38,601
August	18,529	13,714	6,344	68	38,656
September	14,890	12,533	5,831	67	33,321
October	11,471	11,118	5,576	65	28,230
November	10,828	10,144	5,219	64	26,254
December	14,384	10,608	5,295	66	30,353
<b>2011</b>					
January	15,867	10,624	5,207	74	31,772
February	13,425	10,005	5,036	68	28,535
March	12,180	10,366	5,337	68	27,951
April	11,053	10,055	5,220	63	26,391
May	11,742	10,978	5,451	66	28,237
June	15,181	12,630	5,966	71	33,848
July	18,842	13,694	6,345	73	38,954
August	18,681	13,876	6,533	68	39,158
September	15,052	12,529	6,022	69	33,672
October	11,476	11,088	5,654	63	28,281
November	11,063	10,042	5,249	59	26,412
December	13,369	10,251	5,190	64	28,875
<b>2012</b>					
January	14,456	10,377	5,112	65	30,010
February	12,495	9,935	5,078	62	27,571
March	11,679	10,089	5,258	60	27,086
April	10,565	9,934	5,178	60	25,737
May	12,046	11,020	5,554	61	28,681
June	14,942	12,288	5,766	62	33,059
<b>Year to Date</b>					
2010	78,060	63,729	31,290	413	173,491
2011	79,448	64,658	32,218	409	176,733
2012	76,183	63,643	31,947	370	172,143
<b>Rolling 12 Months Ending in June</b>					
2011	168,170	136,488	66,678	812	372,147
2012	164,665	135,123	66,941	766	367,495

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions. Geographic coverage is the 50 States and the District of Columbia. Sales values for 1996-2011 include energy service provider (power marketer) data. Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. Sources: 2006-2008: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report; 1992-2005: Form EIA-861, Annual Electric Power Industry Report.

**Table 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector, 2002-June 2012  
(Cents per Kilowatthour)**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
<b>Annual Totals</b>					
2002	8.43	7.87	4.88	.	7.18
2003	8.72	8.01	5.11	7.54	7.42
2004	8.94	8.15	5.25	7.18	7.60
2005	9.43	8.64	5.72	8.57	8.11
2006	10.37	9.42	6.15	9.54	8.86
2007	10.64	9.62	6.39	9.70	9.10
2008	11.25	10.32	6.82	10.75	9.71
2009	11.51	10.15	6.81	10.65	9.80
2010	11.55	10.16	6.76	10.57	9.80
2011	11.80	10.29	6.88	10.58	9.95
<b>2010</b>					
January	10.49	9.55	6.50	10.17	9.28
February	10.89	9.89	6.55	10.48	9.47
March	11.11	9.95	6.53	10.28	9.48
April	11.71	9.95	6.55	10.52	9.53
May	11.91	10.15	6.64	10.52	9.72
June	11.91	10.56	6.96	11.14	10.18
July	12.04	10.72	7.23	10.95	10.46
August	12.03	10.62	7.22	10.86	10.40
September	11.95	10.52	7.00	10.53	10.17
October	11.86	10.25	6.80	10.49	9.81
November	11.62	9.99	6.56	10.47	9.55
December	11.06	9.82	6.60	10.39	9.52
<b>2011</b>					
January	10.95	9.85	6.59	10.39	9.55
February	11.12	10.07	6.70	10.69	9.64
March	11.59	10.01	6.60	10.35	9.64
April	11.75	10.05	6.60	10.14	9.64
May	12.01	10.27	6.75	10.80	9.87
June	12.05	10.75	7.21	11.12	10.35
July	12.16	10.77	7.39	11.32	10.57
August	12.15	10.82	7.46	10.93	10.58
September	12.25	10.67	7.23	10.88	10.39
October	12.13	10.30	6.82	10.37	9.90
November	11.88	10.06	6.60	10.04	9.67
December	11.52	9.85	6.60	9.90	9.64
<b>2012</b>					
January	11.43	9.88	6.50	9.73	9.65
February	11.55	10.01	6.52	9.62	9.64
March	11.76	9.91	6.52	9.86	9.59
April	11.95	9.86	6.44	10.05	9.52
May	11.97	10.02	6.57	9.83	9.70
June	12.12	10.44	6.95	10.20	10.18
<b>Year to Date</b>					
2010	11.27	10.02	6.63	10.51	9.61
2011	11.54	10.18	6.74	10.58	9.79
2012	11.79	10.03	6.58	9.88	9.73
<b>Rolling 12 Months Ending in June</b>					
2011	11.67	10.24	6.82	10.60	9.88
2012	11.91	10.22	6.80	10.23	9.92

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors. NA = Not available. See Glossary for definitions. Geographic coverage is the 50 States and the District of Columbia. Sales values for 1996-2011 include energy service provider (power marketer) data. Values for 2010 and prior years are final. Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. Sources: 2006-2008: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report; 1992-2005: Form EIA-861, Annual Electric Power Industry Report.

**Table 5.4.A. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, June 2012 and 2011**  
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	3,747	3,738	3,833	3,898	2,355	2,350	44	47	9,979	10,033
Connecticut	975	1,015	1,088	1,140	312	315	15	18	2,390	2,488
Maine	399	364	396	370	278	258	0	0	1,073	992
Massachusetts	1,643	1,605	1,484	1,510	1,405	1,418	28	28	4,560	4,561
New Hampshire	325	337	370	389	158	161	0	0	853	887
Rhode Island	249	257	327	321	83	82	2	2	660	663
Vermont	156	160	168	167	118	115	0	0	442	443
Middle Atlantic	10,982	11,065	13,511	13,757	5,536	6,047	313	337	30,343	31,205
New Jersey	2,705	2,712	3,286	3,355	655	675	23	26	6,668	6,768
New York	4,137	4,124	6,521	6,573	1,119	1,133	219	239	11,996	12,069
Pennsylvania	4,141	4,229	3,704	3,829	3,763	4,239	71	71	11,678	12,368
East North Central	17,102	15,935	16,326	15,750	17,004	16,678	49	46	50,481	48,408
Illinois	4,518	4,055	4,451	4,300	3,761	3,692	45	42	12,776	12,088
Indiana	2,954	2,843	2,175	2,161	3,964	3,846	2	1	9,094	8,852
Michigan	3,088	2,938	3,504	3,218	2,742	2,757	1	0	9,335	8,914
Ohio	4,540	4,391	4,151	4,152	4,507	4,398	2	2	13,200	12,944
Wisconsin	2,002	1,708	2,044	1,918	2,031	1,985	0	0	6,077	5,610
West North Central	9,301	8,885	8,788	8,640	7,732	7,301	3	3	25,824	24,829
Iowa	1,265	1,169	1,068	1,022	1,687	1,638	0	0	4,020	3,829
Kansas	1,458	1,462	1,450	1,457	916	932	0	0	3,824	3,851
Minnesota	1,870	1,752	1,929	1,882	1,946	1,896	1	1	5,747	5,531
Missouri	3,229	3,161	2,791	2,810	1,469	1,423	2	1	7,491	7,396
Nebraska	872	764	805	767	1,077	865	0	0	2,755	2,396
North Dakota	273	263	376	359	421	339	0	0	1,069	962
South Dakota	335	315	368	343	216	208	0	0	919	865
South Atlantic	30,545	34,130	27,408	28,403	11,916	11,954	112	119	69,981	74,606
Delaware	383	382	392	378	228	225	0	0	1,003	985
District of Columbia	179	202	773	834	19	18	29	30	1,000	1,083
Florida	10,788	11,537	8,209	8,500	1,485	1,537	8	8	20,491	21,581
Georgia	5,152	5,911	4,232	4,383	2,648	2,724	13	16	12,046	13,033
Maryland	2,200	2,353	2,714	2,837	466	452	45	50	5,426	5,691
North Carolina	4,813	5,608	4,236	4,433	2,294	2,201	1	1	11,344	12,242
South Carolina	2,618	3,093	1,926	2,080	2,375	2,357	0	0	6,919	7,530
Virginia	3,601	4,208	4,239	4,284	1,490	1,490	17	16	9,346	9,998
West Virginia	810	836	686	676	911	950	0	0	2,407	2,463
East South Central	10,528	11,238	7,465	7,672	9,999	9,778	0	0	27,992	28,689
Alabama	3,016	3,357	2,025	2,135	2,809	2,879	0	0	7,850	8,371
Kentucky	2,307	2,356	1,658	1,651	3,315	3,186	0	0	7,280	7,194
Mississippi	1,738	1,857	1,255	1,279	1,419	1,411	0	0	4,412	4,547
Tennessee	3,467	3,668	2,528	2,606	2,455	2,302	0	0	8,450	8,577
West South Central	20,765	22,041	17,136	17,133	13,233	13,746	7	7	51,141	52,926
Arkansas	1,627	1,686	1,112	1,147	1,473	1,487	NM	NM	4,211	4,319
Louisiana	3,063	3,177	2,271	2,249	2,706	2,505	1	1	8,041	7,931
Oklahoma	2,258	2,613	1,798	2,000	1,410	1,371	0	0	5,465	5,984
Texas	13,817	14,565	11,955	11,737	7,645	8,383	6	6	33,424	34,691
Mountain	9,188	8,085	8,501	8,009	7,435	7,057	8	7	25,132	23,158
Arizona	3,728	3,306	2,769	2,690	1,046	1,034	0	0	7,543	7,030
Colorado	1,613	1,458	1,808	1,641	1,370	1,307	4	4	4,795	4,410
Idaho	563	538	485	459	1,133	874	0	0	2,180	1,871
Montana	331	314	387	373	347	337	0	0	1,065	1,024
Nevada	1,327	1,018	865	799	1,225	1,246	1	1	3,418	3,064
New Mexico	621	590	870	831	644	616	0	0	2,136	2,037
Utah	814	676	956	883	806	788	3	2	2,579	2,348
Wyoming	191	185	362	333	864	855	0	0	1,416	1,373
Pacific Contiguous	10,792	10,512	14,259	13,710	7,403	7,468	72	72	32,526	31,762
California	7,163	6,800	10,692	10,150	3,989	3,915	69	70	21,914	20,934
Oregon	1,259	1,275	1,268	1,256	1,053	1,010	2	2	3,582	3,543
Washington	2,370	2,437	2,298	2,304	2,361	2,543	1	1	7,031	7,285
Pacific Noncontiguous	367	379	481	489	403	396	0	0	1,252	1,264
Alaska	147	140	216	217	101	105	0	0	464	462
Hawaii	220	239	266	272	302	291	0	0	788	802
U.S. Total	123,317	126,008	117,708	117,460	83,015	82,775	609	637	324,650	326,881

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

Notes: - See Glossary for definitions. - Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample.

See Technical Notes for a discussion of the sample design for the Form EIA-826.

Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.

Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.

Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

**Table 5.4.B. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through June 2012 and 2011**  
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	22,225	23,511	21,464	21,830	13,431	13,629	285	293	57,405	59,263
Connecticut	6,002	6,512	6,234	6,424	1,726	1,792	96	94	14,059	14,822
Maine	2,193	2,216	1,973	1,962	1,498	1,485	0	0	5,663	5,662
Massachusetts	9,438	10,010	8,389	8,522	8,096	8,261	175	185	26,099	26,977
New Hampshire	2,144	2,246	2,142	2,188	943	933	0	0	5,229	5,367
Rhode Island	1,426	1,453	1,752	1,755	464	458	14	14	3,655	3,680
Vermont	1,023	1,075	974	980	705	701	0	0	2,701	2,755
Middle Atlantic	61,659	66,030	75,812	77,457	34,531	35,404	1,952	2,072	173,954	180,963
New Jersey	12,853	13,631	18,710	19,039	3,931	3,959	131	164	35,625	36,793
New York	23,316	24,562	36,124	36,791	6,361	6,478	1,379	1,491	67,179	69,323
Pennsylvania	25,491	27,837	20,978	21,627	24,239	24,967	442	416	71,150	74,847
East North Central	88,809	93,139	88,395	88,718	100,913	97,921	335	298	278,453	280,076
Illinois	21,410	22,334	24,291	24,492	22,023	21,511	276	265	68,000	68,601
Indiana	15,576	16,623	11,584	11,586	24,018	23,341	10	11	51,189	51,561
Michigan	16,427	16,912	18,585	18,580	15,731	15,230	31	3	50,774	50,724
Ohio	24,697	26,397	22,654	22,901	27,454	26,418	18	18	74,823	75,735
Wisconsin	10,699	10,874	11,281	11,160	11,688	11,421	0	0	33,668	33,454
West North Central	49,343	52,743	47,937	48,085	43,843	42,370	20	21	141,142	143,219
Iowa	6,887	7,255	5,835	5,837	9,736	9,409	0	0	22,458	22,501
Kansas	6,225	6,640	7,475	7,412	5,325	5,298	0	0	19,024	19,350
Minnesota	10,899	11,365	10,741	10,902	11,274	11,105	9	9	32,923	33,381
Missouri	16,058	17,467	14,842	14,918	8,629	8,431	11	12	39,541	40,828
Nebraska	4,772	5,050	4,466	4,430	5,207	4,900	0	0	14,445	14,380
North Dakota	2,239	2,481	2,440	2,427	2,410	2,053	0	0	7,089	6,961
South Dakota	2,262	2,485	2,139	2,158	1,262	1,174	0	0	5,663	5,818
South Atlantic	158,821	175,515	146,123	148,507	70,003	69,138	645	674	375,593	393,833
Delaware	2,105	2,317	2,048	2,075	1,376	1,232	0	0	5,529	5,624
District of Columbia	904	999	4,209	4,378	112	111	157	155	5,383	5,643
Florida	51,743	55,641	43,789	43,773	8,498	8,548	42	42	104,072	108,004
Georgia	25,836	28,469	22,311	22,780	15,724	15,698	78	89	63,948	67,036
Maryland	12,484	13,635	14,652	15,096	2,526	2,398	269	287	29,932	31,415
North Carolina	25,992	29,484	22,072	22,864	13,181	12,962	4	4	61,248	65,313
South Carolina	13,423	15,313	10,214	10,441	14,096	13,855	0	0	37,732	39,609
Virginia	20,782	23,501	23,023	23,284	8,589	8,510	94	95	52,487	55,390
West Virginia	5,552	6,156	3,805	3,816	5,902	5,824	NM	2	15,260	15,798
East South Central	54,542	60,421	39,582	40,202	62,747	59,939	1	1	156,871	160,564
Alabama	14,679	16,337	10,631	10,809	17,045	16,449	0	0	42,355	43,594
Kentucky	12,528	13,589	8,954	9,094	22,947	21,492	0	0	44,430	44,175
Mississippi	8,391	9,330	6,513	6,495	8,446	8,029	0	0	23,350	23,854
Tennessee	18,944	21,166	13,483	13,804	14,309	13,970	1	1	46,736	48,941
West South Central	93,619	100,276	87,922	85,379	76,106	77,503	40	38	257,687	263,196
Arkansas	8,220	8,990	5,690	5,703	8,356	8,312	NM	NM	22,266	23,006
Louisiana	13,965	15,340	11,560	11,560	15,342	14,470	5	5	40,872	41,376
Oklahoma	10,234	11,212	9,362	9,301	8,047	7,599	0	0	27,644	28,112
Texas	61,201	64,734	61,310	58,816	44,361	47,121	34	32	166,905	170,703
Mountain	43,994	43,036	44,876	44,072	39,653	38,337	49	44	128,572	125,490
Arizona	14,656	14,077	13,896	13,719	6,008	5,880	0	0	34,560	33,676
Colorado	8,617	8,583	9,543	9,362	7,512	7,334	26	25	25,698	25,304
Idaho	4,099	4,269	2,904	2,894	4,276	3,723	0	0	11,279	10,887
Montana	2,456	2,617	2,383	2,413	2,020	1,958	0	0	6,860	6,987
Nevada	5,298	4,730	4,403	4,173	6,662	6,478	4	4	16,366	15,385
New Mexico	3,258	3,196	4,408	4,352	3,516	3,346	0	0	11,182	10,894
Utah	4,189	4,063	5,156	5,004	4,720	4,583	19	15	14,083	13,665
Wyoming	1,420	1,500	2,184	2,156	4,939	5,035	0	0	8,543	8,691
Pacific Contiguous	70,870	71,256	79,422	77,732	41,511	41,026	421	429	192,225	190,443
California	41,589	40,980	57,183	55,465	21,841	21,487	405	413	121,018	118,344
Oregon	9,870	10,217	7,695	7,669	5,919	5,794	13	12	23,496	23,692
Washington	19,411	20,060	14,545	14,599	13,752	13,745	3	3	47,711	48,406
Pacific Noncontiguous	2,469	2,565	3,013	3,095	2,454	2,443	0	0	7,936	8,104
Alaska	1,102	1,098	1,436	1,424	674	653	0	0	3,213	3,175
Hawaii	1,367	1,468	1,576	1,672	1,780	1,789	0	0	4,723	4,929
U.S. Total	646,351	688,493	634,545	635,079	485,192	477,710	3,749	3,869	1,769,836	1,805,151

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

Notes: - See Glossary for definitions. - Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample.

See Technical Notes for a discussion of the sample design for the Form EIA-826.

Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.

Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.

Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

**Table 5.5.A. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, June 2012 and 2011  
(Million Dollars)**

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	589	606	528	573	298	311	3	4	1,418	1,494
Connecticut	169	187	158	177	40	42	1	2	368	408
Maine	57	56	43	44	21	23	0	0	120	122
Massachusetts	245	245	213	231	197	204	1	2	657	682
New Hampshire	54	57	50	55	19	20	0	0	122	132
Rhode Island	38	36	40	42	9	10	0	0	88	89
Vermont	26	26	24	23	12	12	0	0	63	61
Middle Atlantic	1,718	1,802	1,827	1,995	424	502	39	45	4,008	4,344
New Jersey	425	434	446	485	73	82	2	3	945	1,004
New York	757	788	1,039	1,120	78	89	31	35	1,906	2,033
Pennsylvania	537	580	342	390	273	331	5	6	1,157	1,308
East North Central	2,072	1,947	1,542	1,540	1,120	1,130	3	3	4,737	4,621
Illinois	507	490	354	387	218	248	3	3	1,082	1,128
Indiana	307	288	196	189	255	244	0	0	758	722
Michigan	436	405	390	353	217	212	0	0	1,043	970
Ohio	552	529	384	402	277	275	0	0	1,213	1,206
Wisconsin	269	234	218	209	154	151	0	0	641	594
West North Central	1,061	977	806	776	510	473	0	0	2,376	2,226
Iowa	144	130	90	86	92	87	0	0	327	303
Kansas	169	163	139	135	67	66	0	0	376	364
Minnesota	221	200	178	171	131	131	0	0	531	502
Missouri	371	345	264	260	103	97	0	0	738	702
Nebraska	93	80	70	66	73	56	0	0	237	202
North Dakota	29	27	32	30	28	22	0	0	90	79
South Dakota	35	32	30	28	14	13	0	0	79	74
South Atlantic	3,597	3,928	2,601	2,726	810	848	10	12	7,017	7,515
Delaware	54	54	40	40	21	21	0	0	114	115
District of Columbia	24	28	93	109	1	2	2	3	120	143
Florida	1,266	1,358	807	842	128	141	1	1	2,202	2,341
Georgia	603	709	403	456	169	209	1	1	1,177	1,375
Maryland	292	326	292	328	37	41	4	5	625	700
North Carolina	529	573	367	359	149	134	0	0	1,045	1,066
South Carolina	320	336	192	198	145	145	0	0	657	679
Virginia	429	466	352	341	103	98	1	1	885	906
West Virginia	80	79	55	54	57	58	0	0	192	190
East South Central	1,085	1,146	736	756	670	657	0	0	2,491	2,560
Alabama	346	379	216	227	199	205	0	0	761	811
Kentucky	214	215	145	142	187	177	0	0	545	534
Mississippi	177	192	116	123	97	101	0	0	390	416
Tennessee	348	361	259	264	187	175	0	0	794	799
West South Central	2,165	2,383	1,377	1,515	720	880	1	1	4,263	4,779
Arkansas	157	161	87	90	90	91	NM	NM	334	342
Louisiana	249	304	165	196	113	158	0	0	527	658
Oklahoma	214	254	135	161	73	84	0	0	422	500
Texas	1,546	1,664	990	1,068	444	547	1	1	2,980	3,279
Mountain	1,055	906	801	754	492	458	1	1	2,348	2,118
Arizona	443	389	280	278	74	72	0	0	797	739
Colorado	192	174	178	166	97	96	0	0	468	437
Idaho	50	46	34	32	71	53	0	0	155	130
Montana	35	32	35	34	17	17	0	0	87	83
Nevada	157	118	75	70	91	92	0	0	322	279
New Mexico	75	68	84	77	39	39	0	0	199	184
Utah	84	63	84	71	51	44	0	0	220	178
Wyoming	20	18	30	26	52	44	0	0	102	88
Pacific Contiguous	1,486	1,373	1,940	1,870	609	604	5	6	4,040	3,853
California	1,153	1,042	1,658	1,593	458	464	5	6	3,274	3,104
Oregon	126	124	106	103	58	55	0	0	291	282
Washington	207	208	175	173	93	86	0	0	475	467
Pacific Noncontiguous	115	111	130	125	115	103	0	0	360	338
Alaska	26	25	32	34	16	16	0	0	74	75
Hawaii	88	86	98	91	99	87	0	0	285	264
U.S. Total	14,942	15,181	12,288	12,630	5,766	5,966	62	71	33,059	33,848

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

Notes: - See Glossary for definitions. - Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample.

See Technical Notes for a discussion of the sample design for the Form EIA-826.

Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.

Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.

Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

**Table 5.5.B. Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through June 2012 and 2011 (Million Dollars)**

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	3,541	3,765	2,968	3,138	1,626	1,722	20	23	8,154	8,649
Connecticut	1,042	1,178	918	1,007	222	241	10	9	2,192	2,436
Maine	323	343	231	243	115	138	0	0	668	724
Massachusetts	1,445	1,476	1,171	1,217	1,056	1,105	8	12	3,681	3,810
New Hampshire	351	371	290	311	110	117	0	0	751	799
Rhode Island	208	223	218	224	51	52	2	2	479	501
Vermont	173	173	140	136	71	69	0	0	383	379
Middle Atlantic	9,344	10,254	9,670	10,452	2,592	2,950	233	260	21,839	23,916
New Jersey	2,050	2,217	2,378	2,568	409	461	12	18	4,850	5,264
New York	3,991	4,391	5,316	5,719	433	523	186	205	9,926	10,838
Pennsylvania	3,302	3,646	1,976	2,164	1,749	1,966	35	37	7,062	7,814
East North Central	10,652	10,667	8,426	8,394	6,570	6,368	22	21	25,671	25,449
Illinois	2,517	2,581	2,021	2,112	1,325	1,398	17	18	5,880	6,109
Indiana	1,626	1,637	1,062	1,006	1,553	1,440	1	1	4,242	4,084
Michigan	2,265	2,153	2,010	1,910	1,184	1,110	3	0	5,461	5,173
Ohio	2,830	2,895	2,151	2,209	1,657	1,594	1	1	6,640	6,700
Wisconsin	1,413	1,401	1,182	1,157	852	825	0	0	3,447	3,383
West North Central	5,055	5,099	3,955	3,864	2,664	2,520	1	2	11,676	11,483
Iowa	727	732	451	451	497	477	0	0	1,674	1,660
Kansas	680	688	677	643	364	352	0	0	1,721	1,683
Minnesota	1,210	1,219	925	932	725	714	1	1	2,860	2,866
Missouri	1,578	1,604	1,179	1,152	494	478	1	1	3,253	3,235
Nebraska	448	437	365	345	344	299	0	0	1,157	1,081
North Dakota	194	197	189	176	158	126	0	0	541	499
South Dakota	219	221	170	164	82	74	0	0	471	459
South Atlantic	18,022	19,406	13,820	14,043	4,535	4,592	53	62	36,430	38,103
Delaware	287	316	204	226	112	116	0	0	603	657
District of Columbia	112	140	514	579	5	8	13	17	645	744
Florida	6,007	6,453	4,339	4,362	707	767	4	4	11,057	11,586
Georgia	2,775	3,054	2,110	2,256	893	1,016	6	7	5,784	6,333
Maryland	1,612	1,861	1,560	1,745	206	218	21	26	3,399	3,850
North Carolina	2,794	2,948	1,899	1,818	826	758	0	0	5,518	5,525
South Carolina	1,561	1,662	969	962	831	807	0	0	3,361	3,431
Virginia	2,329	2,410	1,905	1,791	583	550	8	7	4,826	4,758
West Virginia	545	562	320	305	372	352	NM	0	1,236	1,219
East South Central	5,505	5,967	3,843	3,875	3,721	3,582	0	0	13,069	13,425
Alabama	1,644	1,769	1,118	1,113	1,026	993	0	0	3,789	3,875
Kentucky	1,146	1,214	770	761	1,217	1,121	0	0	3,133	3,096
Mississippi	862	950	609	624	515	520	0	0	1,987	2,094
Tennessee	1,853	2,035	1,346	1,378	963	948	0	0	4,161	4,361
West South Central	9,728	10,414	7,159	7,349	4,109	4,579	4	4	21,000	22,346
Arkansas	743	775	433	418	453	446	NM	0	1,630	1,640
Louisiana	1,171	1,354	907	974	730	808	0	0	2,808	3,137
Oklahoma	969	1,027	674	679	412	412	0	0	2,055	2,117
Texas	6,846	7,259	5,144	5,278	2,513	2,913	4	3	14,507	15,452
Mountain	4,681	4,419	3,936	3,811	2,349	2,240	5	4	10,971	10,473
Arizona	1,620	1,524	1,295	1,278	374	375	0	0	3,290	3,177
Colorado	949	936	862	852	508	500	2	2	2,322	2,290
Idaho	334	339	193	191	228	188	0	0	755	718
Montana	242	248	216	219	99	101	0	0	557	568
Nevada	636	560	390	381	388	388	0	0	1,414	1,329
New Mexico	360	332	390	369	200	199	0	0	951	901
Utah	403	348	411	357	258	223	2	1	1,074	929
Wyoming	136	132	177	164	294	264	0	0	607	560
Pacific Contiguous	8,944	8,791	9,099	9,012	3,113	3,094	32	34	21,188	20,932
California	6,337	6,183	7,334	7,290	2,226	2,255	31	33	15,928	15,761
Oregon	967	963	644	627	326	312	1	1	1,939	1,903
Washington	1,640	1,644	1,120	1,095	561	528	0	0	3,322	3,267
Pacific Noncontiguous	709	666	767	720	668	570	0	0	2,145	1,956
Alaska	197	187	211	213	114	99	0	0	522	499
Hawaii	513	480	556	507	554	471	0	0	1,623	1,458
U.S. Total	76,183	79,448	63,643	64,658	31,947	32,218	370	409	172,143	176,733

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

Notes: - See Glossary for definitions. - Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample.

See Technical Notes for a discussion of the sample design for the Form EIA-826.

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Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

**Table 5.6.A. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, June 2012 and 2011  
(cents per Kilowatthour)**

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	15.73	16.23	13.78	14.69	12.65	13.23	6.48	7.74	14.21	14.89
Connecticut	17.31	18.38	14.55	15.54	12.70	13.38	9.06	9.47	15.40	16.38
Maine	14.29	15.31	10.76	11.80	7.49	8.89	.00	.00	11.23	12.33
Massachusetts	14.92	15.29	14.35	15.30	14.03	14.41	4.64	6.18	14.40	14.96
New Hampshire	16.54	16.82	13.45	14.18	11.73	12.52	.00	.00	14.31	14.88
Rhode Island	15.32	14.05	12.29	13.21	11.47	11.79	12.65	14.29	13.33	13.36
Vermont	17.02	16.27	14.35	13.91	10.18	10.03	.00	.00	14.18	13.75
Middle Atlantic	15.65	16.29	13.52	14.50	7.66	8.30	12.50	13.23	13.21	13.92
New Jersey	15.70	15.99	13.56	14.45	11.07	12.20	9.52	11.60	14.17	14.83
New York	18.30	19.12	15.94	17.04	6.99	7.82	14.36	14.79	15.89	16.84
Pennsylvania	12.97	13.72	9.22	10.18	7.27	7.81	7.70	8.58	9.91	10.57
East North Central	12.12	12.22	9.44	9.78	6.59	6.78	6.66	7.52	9.38	9.55
Illinois	11.23	12.09	7.94	9.00	5.79	6.72	6.53	7.44	8.47	9.33
Indiana	10.39	10.15	9.03	8.75	6.43	6.35	9.77	10.12	8.34	8.16
Michigan	14.12	13.78	11.13	10.98	7.91	7.69	7.21	9.24	11.17	10.88
Ohio	12.16	12.05	9.24	9.68	6.14	6.26	6.99	6.82	9.19	9.32
Wisconsin	13.46	13.70	10.67	10.90	7.58	7.60	.00	.00	10.56	10.58
West North Central	11.40	10.99	9.17	8.98	6.60	6.48	9.74	9.68	9.20	8.97
Iowa	11.37	11.11	8.47	8.39	5.48	5.33	.00	.00	8.13	7.91
Kansas	11.61	11.14	9.61	9.27	7.31	7.11	.00	.00	9.82	9.46
Minnesota	11.81	11.43	9.25	9.09	6.75	6.89	9.17	9.47	9.23	9.08
Missouri	11.48	10.91	9.47	9.25	6.99	6.83	10.23	9.87	9.85	9.49
Nebraska	10.64	10.42	8.75	8.63	6.82	6.49	.00	.00	8.60	8.43
North Dakota	10.52	10.27	8.62	8.34	6.76	6.44	.00	.00	8.37	8.20
South Dakota	10.35	10.27	8.18	8.20	6.69	6.46	.00	.00	8.62	8.54
South Atlantic	11.78	11.51	9.49	9.60	6.80	7.10	8.53	9.82	10.03	10.07
Delaware	14.02	14.14	10.14	10.61	9.05	9.30	.00	.00	11.38	11.68
District of Columbia	13.17	14.12	12.01	13.11	3.71	8.98	8.31	11.25	11.96	13.18
Florida	11.74	11.77	9.83	9.90	8.59	9.20	8.27	8.55	10.74	10.85
Georgia	11.71	12.00	9.53	10.40	6.39	7.66	8.85	9.26	9.77	10.55
Maryland	13.27	13.84	10.76	11.57	8.02	9.13	8.54	9.86	11.52	12.30
North Carolina	10.98	10.21	8.66	8.10	6.50	6.09	8.14	7.06	9.21	8.71
South Carolina	12.22	10.85	9.97	9.50	6.13	6.17	.00	.00	9.50	9.01
Virginia	11.91	11.08	8.30	7.96	6.90	6.55	8.77	8.26	9.47	9.06
West Virginia	9.91	9.43	8.00	7.93	6.28	6.06	8.60	8.16	7.99	7.72
East South Central	10.30	10.20	9.87	9.86	6.70	6.72	11.44	11.29	8.90	8.92
Alabama	11.46	11.28	10.69	10.63	7.09	7.11	.00	.00	9.70	9.68
Kentucky	9.27	9.13	8.73	8.59	5.63	5.55	.00	.00	7.49	7.42
Mississippi	10.17	10.34	9.24	9.63	6.83	7.15	.00	.00	8.83	9.15
Tennessee	10.05	9.83	10.26	10.13	7.61	7.59	11.44	11.29	9.40	9.32
West South Central	10.43	10.81	8.04	8.84	5.44	6.40	10.21	9.93	8.34	9.03
Arkansas	9.63	9.53	7.86	7.83	6.09	6.15	NM	NM	7.92	7.92
Louisiana	8.12	9.57	7.28	8.73	4.17	6.30	7.98	8.53	6.55	8.30
Oklahoma	9.46	9.74	7.52	8.06	5.20	6.12	.00	.00	7.72	8.35
Texas	11.19	11.43	8.28	9.10	5.80	6.52	10.56	10.16	8.92	9.45
Mountain	11.48	11.21	9.42	9.41	6.61	6.48	10.15	10.28	9.34	9.15
Arizona	11.88	11.76	10.12	10.32	7.04	7.01	.00	.00	10.56	10.51
Colorado	11.91	11.93	9.86	10.13	7.07	7.34	10.01	10.42	9.75	9.90
Idaho	8.87	8.49	7.02	6.95	6.25	6.02	.00	.00	7.10	6.96
Montana	10.46	10.18	9.11	9.23	4.85	5.08	.00	.00	8.14	8.15
Nevada	11.80	11.55	8.63	8.70	7.41	7.36	8.82	9.52	9.42	9.11
New Mexico	12.11	11.53	9.68	9.22	6.08	6.32	.00	.00	9.30	9.01
Utah	10.36	9.27	8.82	8.03	6.36	5.63	10.66	10.27	8.54	7.59
Wyoming	10.24	9.46	8.32	7.94	6.03	5.19	.00	.00	7.19	6.44
Pacific Contiguous	13.77	13.07	13.60	13.64	8.23	8.09	7.57	8.21	12.42	12.13
California	16.09	15.32	15.51	15.70	11.48	11.84	7.55	8.19	14.94	14.83
Oregon	10.03	9.73	8.39	8.23	5.48	5.41	8.37	8.64	8.11	7.97
Washington	8.74	8.52	7.61	7.51	3.95	3.39	7.72	9.82	6.76	6.41
Pacific Noncontiguous	31.20	29.24	27.08	25.53	28.50	25.89	.00	.00	28.74	26.75
Alaska	18.00	17.99	14.78	15.54	15.81	14.95	.00	.00	16.03	16.15
Hawaii	39.99	35.84	37.07	33.48	32.74	29.85	.00	.00	36.23	32.87
U.S. Total	12.12	12.05	10.44	10.75	6.95	7.21	10.20	11.12	10.18	10.35

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

Notes: - See Glossary for definitions. - Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample.

See Technical Notes for a discussion of the sample design for the Form EIA-826.

Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.

Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.

Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.

**Table 5.6.B. Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through June 2012 and 2011 (cents per Kilowatt-hour)**

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011	June 2012	June 2011
New England	15.93	16.02	13.83	14.38	12.10	12.64	6.98	7.96	14.20	14.59
Connecticut	17.36	18.09	14.73	15.68	12.87	13.48	10.10	10.13	15.59	16.44
Maine	14.71	15.50	11.70	12.38	7.68	9.27	.00	.00	11.80	12.79
Massachusetts	15.31	14.75	13.96	14.29	13.05	13.38	4.73	6.39	14.10	14.12
New Hampshire	16.35	16.54	13.53	14.20	11.68	12.55	.00	.00	14.36	14.89
Rhode Island	14.60	15.38	12.44	12.74	11.01	11.33	13.85	14.07	13.11	13.61
Vermont	16.88	16.12	14.35	13.91	10.07	9.86	.00	.00	14.19	13.74
Middle Atlantic	15.15	15.53	12.76	13.49	7.51	8.33	11.92	12.56	12.55	13.22
New Jersey	15.95	16.26	12.71	13.49	10.41	11.64	9.33	10.73	13.61	14.31
New York	17.12	17.88	14.72	15.54	6.81	8.07	13.46	13.76	14.78	15.63
Pennsylvania	12.95	13.10	9.42	10.01	7.22	7.88	7.88	8.96	9.93	10.44
East North Central	11.99	11.45	9.53	9.46	6.51	6.50	6.58	6.90	9.22	9.09
Illinois	11.76	11.55	8.32	8.62	6.01	6.50	6.25	6.79	8.65	8.90
Indiana	10.44	9.85	9.17	8.68	6.47	6.17	9.85	9.68	8.29	7.92
Michigan	13.79	12.73	10.81	10.28	7.53	7.29	8.34	9.39	10.76	10.20
Ohio	11.46	10.97	9.50	9.65	6.04	6.04	6.79	6.51	8.87	8.85
Wisconsin	13.21	12.88	10.48	10.37	7.29	7.22	.00	.00	10.24	10.11
West North Central	10.25	9.67	8.25	8.03	6.08	5.95	7.24	7.16	8.27	8.02
Iowa	10.55	10.10	7.73	7.72	5.10	5.07	.00	.00	7.45	7.38
Kansas	10.93	10.35	9.05	8.68	6.84	6.65	.00	.00	9.05	8.70
Minnesota	11.10	10.73	8.61	8.55	6.43	6.43	8.44	8.42	8.69	8.58
Missouri	9.83	9.18	7.95	7.72	5.73	5.67	6.28	6.13	8.23	7.92
Nebraska	9.39	8.66	8.17	7.80	6.60	6.09	.00	.00	8.01	7.52
North Dakota	8.67	7.94	7.73	7.26	6.56	6.13	.00	.00	7.63	7.17
South Dakota	9.66	8.89	7.95	7.59	6.52	6.27	.00	.00	8.31	7.88
South Atlantic	11.35	11.06	9.46	9.46	6.48	6.64	8.20	9.14	9.70	9.67
Delaware	13.65	13.63	9.96	10.88	8.15	9.38	.00	.00	10.91	11.68
District of Columbia	12.36	13.99	12.21	13.23	4.87	7.48	8.52	10.80	11.98	13.18
Florida	11.61	11.60	9.91	9.97	8.32	8.97	8.48	8.89	10.62	10.73
Georgia	10.74	10.73	9.46	9.90	5.68	6.47	7.59	7.71	9.05	9.45
Maryland	12.91	13.65	10.64	11.56	8.14	9.09	7.94	9.16	11.35	12.25
North Carolina	10.75	10.00	8.60	7.95	6.26	5.85	7.85	6.90	9.01	8.46
South Carolina	11.63	10.86	9.49	9.21	5.89	5.83	.00	.00	8.91	8.66
Virginia	11.21	10.25	8.28	7.69	6.79	6.46	8.80	7.90	9.20	8.59
West Virginia	9.81	9.13	8.40	8.00	6.30	6.04	8.78	8.99	8.10	7.72
East South Central	10.09	9.88	9.71	9.64	5.93	5.98	11.37	12.34	8.33	8.36
Alabama	11.20	10.83	10.52	10.29	6.02	6.04	.00	.00	8.94	8.89
Kentucky	9.15	8.93	8.59	8.37	5.30	5.22	.00	.00	7.05	7.01
Mississippi	10.28	10.18	9.35	9.60	6.10	6.48	.00	.00	8.51	8.78
Tennessee	9.78	9.61	9.98	9.98	6.73	6.79	11.37	12.34	8.90	8.91
West South Central	10.39	10.39	8.14	8.61	5.40	5.91	10.25	9.82	8.15	8.49
Arkansas	9.04	8.62	7.61	7.33	5.42	5.37	11.84	NM	7.32	7.13
Louisiana	8.38	8.82	7.85	8.43	4.76	5.59	8.29	8.56	6.87	7.58
Oklahoma	9.46	9.16	7.20	7.30	5.13	5.42	.00	.00	7.44	7.53
Texas	11.19	11.21	8.39	8.97	5.67	6.18	10.55	10.01	8.69	9.05
Mountain	10.64	10.27	8.77	8.65	5.92	5.84	9.33	9.22	8.53	8.35
Arizona	11.06	10.83	9.32	9.32	6.23	6.37	.00	.00	9.52	9.43
Colorado	11.01	10.90	9.04	9.10	6.77	6.82	9.27	9.47	9.04	9.05
Idaho	8.15	7.95	6.65	6.59	5.32	5.06	.00	.00	6.69	6.60
Montana	9.85	9.48	9.05	9.07	4.92	5.16	.00	.00	8.12	8.13
Nevada	12.01	11.83	8.86	9.13	5.82	6.00	7.82	8.11	8.64	8.64
New Mexico	11.06	10.40	8.86	8.48	5.70	5.96	.00	.00	8.51	8.27
Utah	9.63	8.56	7.98	7.13	5.46	4.87	9.72	9.08	7.63	6.80
Wyoming	9.55	8.77	8.11	7.62	5.96	5.25	.00	.00	7.11	6.45
Pacific Contiguous	12.62	12.34	11.46	11.59	7.50	7.54	7.70	8.01	11.02	10.99
California	15.24	15.09	12.83	13.14	10.19	10.49	7.68	8.01	13.16	13.32
Oregon	9.80	9.43	8.37	8.18	5.51	5.38	8.26	7.84	8.25	8.03
Washington	8.45	8.20	7.70	7.50	4.08	3.84	7.83	8.75	6.96	6.75
Pacific Noncontiguous	28.73	25.97	25.48	23.25	27.22	23.35	.00	.00	27.03	24.14
Alaska	17.84	17.01	14.71	14.96	16.91	15.15	.00	.00	16.24	15.71
Hawaii	37.52	32.67	35.29	30.31	31.12	26.35	.00	.00	34.36	29.58
U.S. Total	11.79	11.54	10.03	10.18	6.58	6.74	9.88	10.58	9.73	9.79

See Technical notes for additional information on the Commercial, Industrial, and Transportation sectors.

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

Notes: - See Glossary for definitions. - Values for 2011 and 2012 are preliminary estimates based on a cutoff model sample.

See Technical Notes for a discussion of the sample design for the Form EIA-826.

Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule.

Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications.

Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report.



**Table A1.A. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, 06 2012**

Census Region and State	Petroleum Liquids	Natural Gas	Hydroelectric Conventional	Nuclear	Coal
New England	3.5892	1.1145	7.855	0	24.1079
Connecticut	3.6995	2.1713	55.1578	0	0
Maine	9.4721	3.5164	12.1992	.	0
Massachusetts	5.2951	2.0262	10.535	0	33.892
New Hampshire	66.9038	0.4672	14.2894	0	0
Rhode Island	95.0271	2.3832	534.6465	.	.
Vermont	288.0367	0	31.2011	0	.
Middle Atlantic	3.9449	1.1509	2.3669	0	1.6287
New Jersey	48.4222	2.2356	3.4555	0	0
New York	4.064	2.011	2.6448	0	17.0568
Pennsylvania	8.0059	1.2703	5.6721	0	1.5977
East North Central	2.7124	1.4579	10.5044	0	0.3949
Illinois	10.9594	3.2064	70.8415	0	0.2994
Indiana	5.5846	2.773	15.4761	.	0.5173
Michigan	7.5155	3.3237	12.5827	0	1.716
Ohio	2.0171	1.4927	23.2315	0	0.8407
Wisconsin	19.3968	4.6037	21.3716	0	1.2822
West North Central	4.9557	4.6172	5.8506	0	0.7699
Iowa	5.3001	18.1285	32.6006	0	2.3353
Kansas	15.4441	15.2849	314.815	0	0
Minnesota	25.1452	5.9083	32.7296	0	4.0053
Missouri	8.94	5.2738	10.5327	0	0.8203
Nebraska	28.7147	20.4766	26.8212	0	2.0094
North Dakota	18.3158	497.4875	0	.	2.9825
South Dakota	92.3182	66.8297	0	.	12.0735
South Atlantic	1.4022	0.4114	2.5514	0	0.3258
Delaware	15.0338	4.3043	.	.	2.6344
District of Columbia	0	0	.	.	.
Florida	1.3903	0.5358	82.9335	0	0.5047
Georgia	12.4708	0.7217	4.6829	0	0.1182
Maryland	8.1976	6.5443	0	0	2.0548
North Carolina	13.1065	1.3993	9.3166	0	0.7327
South Carolina	5.4804	2.6245	5.7232	0	1.1837
Virginia	2.8801	0.7862	2.5332	0	2.4328
West Virginia	1.9651	10.8882	21.2507	.	0.4524
East South Central	6.9151	0.7041	5.2714	0	0.4105
Alabama	21.0924	1.179	8.3352	0	0.5265
Kentucky	4.3991	4.6104	9.4792	.	0.7862
Mississippi	13.8577	0.8949	.	0	0
Tennessee	3.1655	0.6664	7.8808	0	0.1915
West South Central	4.3129	0.3798	10.4952	0	0.0611
Arkansas	26.2841	1.6156	13.7756	0	0
Louisiana	2.5489	0.8914	0	0	0
Oklahoma	50.2885	0.8792	21.3791	.	0.4478
Texas	4.2407	0.4813	30.5164	0	0
Mountain	6.0216	1.0352	3.1153	0	0.8295
Arizona	14.4367	0.6652	3.0469	0	0.2801
Colorado	48.936	2.9492	17.6169	.	1.208
Idaho	1171.3276	51.2201	6.6697	.	81.0223
Montana	10.7804	138.6042	3.7678	.	13.5221
Nevada	5.2981	0.8966	3.2677	.	0
New Mexico	16.5963	4.2958	63.7126	.	0
Utah	25.3394	6.2904	36.0413	.	2.431
Wyoming	4.8263	53.9026	6.6806	.	2.0253
Pacific Contiguous	14.1872	1.7811	1.171	0	10.2176
California	6.6504	1.6948	3.6048	0	10.2781
Oregon	0	15.0731	2.5521	.	0
Washington	72.3099	36.2923	1.1819	0	0
Pacific Noncontiguous	1.8522	15.1362	22.0917	.	4.7473
Alaska	7.6194	15.1362	22.6868	.	15.2971
Hawaii	1.8748	.	93.3979	.	2.7179
U.S. Total	1.4243	0.3298	1.1391	0	0.2229

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "\*")

Table A1.A. Relative Standard Error for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, 06 2012 (Continued)

Census Region and State	Wind	All Fuels	Other Renewables	Solar Thermal and Photovoltaic	Other Energy Sources	Geothermal
New England	7.0987	0.9004	3.5312	105.5419	3.2603	.
Connecticut	.	1.0589	9.896	.	4.0628	.
Maine	6.4405	3.1513	2.3273	.	10.6395	.
Massachusetts	53.5115	2.0392	10.3073	112.2086	4.1279	.
New Hampshire	17.4527	1.3601	13.3578	.	24.8865	.
Rhode Island	253.4548	2.4304	39.8223	.	.	.
Vermont	0	5.6193	18.4706	308.6925	.	.
Middle Atlantic	2.9772	0.5725	3.0936	29.6709	3.8618	.
New Jersey	119.1452	1.0317	13.3365	35.7242	6.2137	.
New York	2.245	1.1632	3.5677	19.0003	6.4589	.
Pennsylvania	6.0512	0.7383	4.2522	84.9854	5.978	.
East North Central	1.349	0.3518	2.1455	66.9436	4.2307	.
Illinois	1.9371	0.3067	2.5656	34.2103	0	.
Indiana	0.5233	0.5728	3.3648	.	2.3724	.
Michigan	9.3253	1.2271	6.6927	.	8.6637	.
Ohio	3.4629	0.6768	7.3093	93.1269	0	.
Wisconsin	4.2475	1.5238	4.8565	.	31.0215	.
West North Central	0.7852	0.6946	0.9161	.	9.3512	0
Iowa	0.8352	1.9778	0.9396	.	.	.
Kansas	0.5437	1.3319	0.5437	.	.	.
Minnesota	2.757	2.0776	2.9163	.	10.8158	0
Missouri	1.4233	0.8492	3.2464	.	0	.
Nebraska	2.2071	2.331	3.6405	.	.	.
North Dakota	2.8217	2.4063	2.8253	.	32.7223	.
South Dakota	1.899	4.7511	1.899	.	0	.
South Atlantic	2.0882	0.2008	1.9648	28.5175	2.7693	.
Delaware	222.3297	3.3153	39.958	130.0584	.	.
District of Columbia	.	0	.	.	.	.
Florida	.	0.3856	4.2687	27.0714	2.9862	.
Georgia	.	0.3215	4.0888	.	11.4569	.
Maryland	9.4609	1.2394	5.0671	197.1721	0.5366	.
North Carolina	.	0.4768	4.9785	90.3583	56.3703	.
South Carolina	.	0.5476	2.5308	.	0	.
Virginia	.	0.6264	4.2944	.	5.7651	.
West Virginia	0	0.5053	0	.	0	.
East South Central	0	0.3192	2.8191	.	30.3754	.
Alabama	.	0.519	3.6754	.	0	.
Kentucky	.	0.7582	11.3997	.	0	.
Mississippi	.	0.7182	3.4257	.	142.2584	.
Tennessee	0	0.5183	8.3893	.	0	.
West South Central	0.7799	0.2135	0.8478	41.66	11.9706	.
Arkansas	.	0.559	3.7332	.	0	.
Louisiana	.	0.6267	5.9454	.	8.3464	.
Oklahoma	0.9955	0.5831	1.2548	.	0	.
Texas	0.9312	0.2619	0.9845	41.66	19.365	.
Mountain	1.4306	0.6174	1.6604	9.327	8.1944	4.8563
Arizona	8.9402	0.3145	8.7238	12.0447	0	.
Colorado	1.9478	1.3765	2.3289	31.0496	36.8597	0
Idaho	9.324	5.9541	7.0343	.	0	26.62
Montana	4.3198	4.7096	3.7546	.	0	0
Nevada	.	0.8885	4.8174	8.5121	0	5.5964
New Mexico	0.6237	1.2509	5.4566	34.9751	.	.
Utah	2.8725	2.3791	3.4876	401.5056	12.5379	3.0042
Wyoming	.	1.9165	2.7499	.	0	.
Pacific Contiguous	1.061	0.7997	1.1714	10.2911	7.2552	2.4337
California	1.9042	1.1869	1.6119	10.2291	8.511	2.4337
Oregon	1.5327	2.1585	1.8817	223.508	30.1138	.
Washington	1.3632	1.1393	1.5763	0	12.206	.
Pacific Noncontiguous	13.2048	3.9119	6.3048	216.8973	0	0
Alaska	119.6205	9.8738	98.3886	.	0	.
Hawaii	12.6675	1.8959	6.0483	216.8973	0	0
U.S. Total	0.4915	0.1627	0.6818	8.157	2.5661	2.4357

\* - Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' then values under 0.5 are shown as '.')

**A1.B Total (All Sectors) by Census Division and State, Year-to-Date**

Census Region and State	Petroleum Liquids	Natural Gas	Hydroelectric Conventional	Nuclear	Coal
New England	3.711	0.5866	4.5741	0	7.0515
Connecticut	8.2153	1.0338	26.2834	0	0
Maine	4.6495	1.5467	7.0174	.	0
Massachusetts	5.8541	0.969	7.0054	0	11.3973
New Hampshire	14.2269	2.2662	8.4756	0	7.4664
Rhode Island	53.2698	0.9873	264.2153	.	.
Vermont	142.9283	0	15.2644	0	.
Middle Atlantic	4.8297	0.5351	1.3706	0	0.8514
New Jersey	59.8019	1.0477	6.4223	0	0
New York	5.79	1.0276	1.4738	0	10.1408
Pennsylvania	7.2061	0.5284	3.7409	0	0.7669
East North Central	1.4483	0.6153	4.8185	0	0.2836
Illinois	3.305	1.6114	36.2921	0	0.1357
Indiana	2.1929	1.0448	12.2964	.	0.2308
Michigan	4.3502	1.2477	6.1149	0	1.4015
Ohio	0.9022	1.1307	17.2675	0	0.5539
Wisconsin	13.7888	1.796	8.9062	0	1.1469
West North Central	2.6975	2.5787	2.3389	0	0.3401
Iowa	3.6294	12.8531	13.7682	0	0.9568
Kansas	5.3712	8.3609	154.9048	0	0
Minnesota	18.0535	2.6113	13.7914	0	1.5462
Missouri	3.2585	3.5098	3.5222	0	0.4542
Nebraska	3.7657	18.0501	11.1762	0	0.8276
North Dakota	7.909	122.8029	0	.	1.2259
South Dakota	38.2201	50.8728	0	.	3.8442
South Atlantic	1.8495	0.2034	1.7531	0	0.1859
Delaware	8.754	1.6964	.	.	1.8993
District of Columbia	0	0	.	.	.
Florida	3.3515	0.262	40.5429	0	0.2809
Georgia	6.0431	0.403	3.7287	0	0.0864
Maryland	4.1981	2.4348	0.8529	0	0.88
North Carolina	7.302	0.6155	4.9866	0	0.4884
South Carolina	7.0676	1.0196	4.0669	0	0.5692
Virginia	2.875	0.6405	2.3816	0	1.8849
West Virginia	0.8476	28.1384	7.5298	.	0.1617
East South Central	2.5813	0.3498	1.992	0	0.2208
Alabama	10.2857	0.587	2.7795	0	0.3286
Kentucky	2.0257	1.7134	3.5886	.	0.3929
Mississippi	11.864	0.3868	.	0	0
Tennessee	1.0227	0.472	3.3412	0	0.0914
West South Central	1.8298	0.2492	3.5239	0	0.1066
Arkansas	3.8601	0.7651	4.1798	0	0
Louisiana	1.6876	0.5465	0	0	0
Oklahoma	11.8256	0.8029	7.307	.	0.2997
Texas	2.599	0.3059	14.7913	0	0.157
Mountain	3.1636	0.5526	1.3831	0	0.5024
Arizona	3.8133	0.5544	1.1031	0	0.166
Colorado	23.3546	1.6834	6.9584	.	0.6025
Idaho	341.7301	7.2757	2.9064	.	32.0209
Montana	15.6116	90.0444	2.0053	.	3.3256
Nevada	1.598	0.5593	1.5301	.	0
New Mexico	6.6948	2.2142	26.3435	.	1.8742
Utah	8.4116	2.6518	14.884	.	1.1921
Wyoming	5.7474	16.9468	4.549	.	1.2839
Pacific Contiguous	8.6141	0.7078	0.5003	0	2.3743
California	4.4887	0.7675	1.8143	0	5.6282
Oregon	0	0.8809	0.9585	.	0
Washington	29.2206	5.3914	0.5207	0	0
Pacific Noncontiguous	1.2653	4.6432	8.3593	.	2.1191
Alaska	2.6684	4.6432	8.5634	.	5.9172
Hawaii	1.3857	.	36.6409	.	1.5538
U.S. Total	1.0407	0.1603	0.5177	0	0.1304

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

**A1.B Total (All Sectors) by Census Division and State, Year-to-Date (Continued)**

Census Region and State	Wind	All Fuels	Other Renewables	Solar Thermal and Photovoltaic	Other Energy Sources	Geothermal
New England	2.6188	0.4968	1.4017	56.2583	1.4982	.
Connecticut	.	0.521	2.7436	.	1.9144	.
Maine	1.2477	1.9224	0.922	.	4.2956	.
Massachusetts	21.6278	0.9744	3.342	60.9271	2.0783	.
New Hampshire	14.6083	1.1859	5.997	.	12.9618	.
Rhode Island	82.9553	0.9972	11.2219	.	.	.
Vermont	0	3.0668	6.937	145.6973	.	.
Middle Atlantic	0.9094	0.2727	0.9081	13.7109	1.5939	.
New Jersey	39.3881	0.4425	4.5163	17.4918	2.5607	.
New York	0.7135	0.6112	0.9782	5.8328	2.7966	.
Pennsylvania	1.919	0.3255	1.3894	39.7895	2.116	.
East North Central	0.3681	0.1888	0.5718	32.2022	2.2476	.
Illinois	0.5558	0.1165	0.6486	17.8824	25.8279	.
Indiana	0.1462	0.2415	0.6044	.	1.2362	.
Michigan	2.5615	0.7159	2.3329	.	3.7677	.
Ohio	1.0178	0.431	1.908	44.104	0	.
Wisconsin	1.3627	0.7614	1.5242	.	13.0631	.
West North Central	0.294	0.2842	0.3153	.	4.1989	173.5444
Iowa	0.3071	0.7265	0.323	.	.	.
Kansas	0.7471	0.6062	0.7471	.	.	.
Minnesota	0.9468	0.8082	0.9418	.	4.5595	173.5444
Missouri	0.4405	0.4281	0.8528	.	0	.
Nebraska	0.7854	0.8812	1.1115	.	.	.
North Dakota	0.914	0.9601	0.9158	.	17.0019	.
South Dakota	0.6598	1.5802	0.6598	.	0	.
South Atlantic	0.7191	0.1104	0.6925	9.7474	1.0633	.
Delaware	89.4466	1.4242	12.393	61.4044	.	.
District of Columbia	.	0	.	.	.	.
Florida	.	0.1913	1.5119	9.1304	1.1687	.
Georgia	0.2032	1.7103	1.7103	.	3.806	.
Maryland	3.4551	0.5027	2.0158	98.2094	0.1883	.
North Carolina	.	0.2989	1.8557	26.2535	27.7083	.
South Carolina	.	0.286	0.6699	.	0	.
Virginia	.	0.4428	1.582	.	2.04	.
West Virginia	0	0.258	0	.	0	.
East South Central	0	0.1794	1.1616	.	26.3329	.
Alabama	.	0.2923	1.605	.	0	.
Kentucky	.	0.3791	4.1265	.	0	.
Mississippi	.	0.2998	1.2164	.	56.3747	.
Tennessee	0	0.4115	3.6233	.	111.7771	.
West South Central	0.3938	0.1381	0.392	17.1541	4.8965	.
Arkansas	.	0.2853	1.3725	.	0	.
Louisiana	.	0.338	2.55	.	3.5367	.
Oklahoma	0.762	0.4814	0.8027	.	0	.
Texas	0.448	0.1725	0.4501	17.1541	7.7562	.
Mountain	0.5851	0.3245	0.6135	4.8455	1.9839	2.0813
Arizona	4.314	0.1746	3.9419	7.2058	0	.
Colorado	0.9336	0.6253	0.9944	16.5744	16.9209	85.6452
Idaho	3.5484	2.3397	2.7637	.	0	9.6431
Montana	1.6524	1.8295	1.6137	.	0	0
Nevada	.	0.4862	2.0783	3.9306	0	2.3039
New Mexico	0.8708	1.4027	1.6433	15.6919	.	.
Utah	1.9837	1.0984	1.6828	279.1905	2.8817	1.1699
Wyoming	0.7989	1.128	0.7989	.	0	.
Pacific Contiguous	0.6305	0.334	0.5232	5.0164	3.231	0.8982
California	1.293	0.53	0.7256	4.9837	3.4802	0.8982
Oregon	0.7876	0.6935	0.8921	105.495	15.3984	.
Washington	0.6331	0.4649	0.6931	0	9.298	.
Pacific Noncontiguous	7.4641	1.4944	3.2193	105.6213	0	0
Alaska	39.5174	3.2495	33.5645	.	0	.
Hawaii	7.5725	1.1546	3.1839	105.6213	0	0
U.S. Total	0.2137	0.0804	0.2429	3.9414	1.0213	0.9253

\* - Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' then values under 0.5 are shown as '.')

Table A2.A Electric Utilities by Census Division and State, 06 2012

Census Region and State	Petroleum Liquids	Natural Gas	Coal	Hydroelectric Conventional	Nuclear
New England	39.9748	35.3365	0	24.0428	.
Connecticut	381.4659	308.6552	.	196.856	.
Maine	240.2836	.	.	.	.
Massachusetts	44.0755	34.7344	.	75.8877	.
New Hampshire	37.7843	0	0	14.3291	.
Rhode Island	94.1711	.	.	.	.
Vermont	288.0367	0	.	50.4915	.
Middle Atlantic	3.3557	6.4395	0	1.3563	.
New Jersey	187.2089	0	0	0	.
New York	3.0154	6.4061	0	1.4192	.
Pennsylvania	439.9491	428.8875	.	7.593	.
East North Central	2.9483	3.5321	0.5433	10.6634	0
Illinois	35.9202	43.583	1.6906	166.0568	.
Indiana	4.3061	3.306	0.542	15.4761	.
Michigan	7.5706	10.0989	1.709	12.5576	0
Ohio	2.2104	5.7147	1.1697	23.2315	.
Wisconsin	18.0729	8.1197	1.2812	22.5132	.
West North Central	4.5719	5.3544	0.7656	5.6893	0
Iowa	5.11	17.9415	2.3918	32.5547	.
Kansas	15.4441	15.2849	0	.	0
Minnesota	23.6252	6.4827	4.0498	41.6753	0
Missouri	8.9019	7.5969	0.8204	10.5327	0
Nebraska	28.7147	20.4677	2.0056	26.8212	0
North Dakota	11.0143	674.7625	2.9839	0	.
South Dakota	93.7428	66.8297	12.0735	0	.
South Atlantic	0.8089	0.3948	0.1986	2.7386	0
Delaware	604.0827	301.6319	.	.	.
District of Columbia	.	0	.	.	.
Florida	0.9788	0.4791	0.3145	82.9335	0
Georgia	3.3534	0.8668	0	4.5806	0
Maryland	141.6204	0	.	.	.
North Carolina	5.9019	1.6287	0	9.2842	0
South Carolina	5.59	2.6242	1.1894	5.6524	0
Virginia	1.1291	0	0	2.2823	0
West Virginia	1.9651	0	0.6275	53.3603	.
East South Central	1.624	1.324	0.4116	5.2658	0
Alabama	0	4.6278	0.4815	8.3352	0
Kentucky	4.3991	4.6345	0.7862	9.3116	.
Mississippi	29.7216	1.2066	0	.	0
Tennessee	0.406	0	0	7.8808	0
West South Central	3.4471	0.8611	0	11.7899	0
Arkansas	0	8.6553	0	13.4261	0
Louisiana	7.953	1.537	0	.	0
Oklahoma	10.8056	1.1477	0	21.3791	.
Texas	5.0064	1.4507	0	30.8999	.
Mountain	6.7253	1.2772	0.6048	3.0731	0
Arizona	4.7204	1.0048	0	3.0469	0
Colorado	48.9053	3.1868	1.1875	17.5628	.
Idaho	1171.3276	54.1338	.	6.8341	.
Montana	990.7139	175.4198	138.5436	3.1004	.
Nevada	14.4545	0	0	1.9291	.
New Mexico	16.1704	6.213	0	63.7126	.
Utah	25.3394	4.3365	2.1915	36.2571	.
Wyoming	4.4792	154.4499	1.5916	6.1744	.
Pacific Contiguous	12.2956	3.7035	0	1.1159	0
California	8.2896	3.1822	.	3.3652	0
Oregon	0	79.9796	0	2.5071	.
Washington	104.8887	50.8232	.	1.1603	0
Pacific Noncontiguous	1.8469	15.0409	0	22.6253	.
Alaska	7.5534	15.0409	0	22.6868	.
Hawaii	1.8232	.	.	236.8979	.
U.S. Total	1.4529	0.5665	0.2201	1.0754	0

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

Table A2.A Electric Utilities by Census Division and State, 06 2012 (Continued)

Census Region and State	Solar Thermal and Photovoltaic	All Fuels	Wind	Other Renewables	Other Energy Sources	Geothermal
New England	152.0127	11.26	54.3298	7.833	.	.
Connecticut	.	206.7691	.	.	.	.
Maine	.	240.2836	.	.	.	.
Massachusetts	152.0127	30.3799	62.3855	61.8273	.	.
New Hampshire	.	4.5476	.	0	.	.
Rhode Island	.	94.1711	.	.	.	.
Vermont	.	29.4453	0	0	.	.
Middle Atlantic	86.0882	2.973	.	86.0882	.	.
New Jersey	86.0882	9.4956	.	86.0882	.	.
New York	.	3.0771	.	.	.	.
Pennsylvania	.	14.6469	.	.	.	.
East North Central	92.5739	0.6206	3.6727	6.5092	0	.
Illinois	.	3.5986	129.2719	129.2719	.	.
Indiana	.	0.6073	.	30.1129	0	.
Michigan	.	1.4379	.	0	0	.
Ohio	92.5739	1.1705	120.6727	101.6076	.	.
Wisconsin	.	2.191	1.4821	1.9151	0	.
West North Central	.	0.7532	0.6518	0.9276	5.3426	.
Iowa	.	2.4656	0.6097	0.7517	.	.
Kansas	.	1.4459	0	0	.	.
Minnesota	.	2.3018	2.2232	3.4429	0	.
Missouri	.	0.8867	.	54.4718	0	.
Nebraska	.	2.3972	13.7814	18.0589	.	.
North Dakota	.	2.6414	3.6792	3.6792	32.7223	.
South Dakota	.	5.7052	1.8581	1.8581	0	.
South Atlantic	16.4587	0.1687	.	5.5373	0	.
Delaware	401.5056	281.5616	.	401.5056	.	.
District of Columbia	.	0	.	.	.	.
Florida	0	0.3333	.	3.8786	.	.
Georgia	.	0.2935	.	0	.	.
Maryland	457.7595	93.9635	.	116.6984	.	.
North Carolina	223.513	0.3317	.	223.513	.	.
South Carolina	.	0.5461	.	10.5311	.	.
Virginia	.	0.1846	.	0	.	.
West Virginia	.	0.725	.	0	0	.
East South Central	.	0.3709	0	47.0741	0	.
Alabama	.	0.7031	.	274.713	.	.
Kentucky	.	0.7594	.	47.8486	0	.
Mississippi	.	0.9532	.	0	.	.
Tennessee	.	0.5088	0	0	.	.
West South Central	.	0.3747	0.3152	0.3152	.	.
Arkansas	.	0.8174	.	.	.	.
Louisiana	.	0.8057	.	.	.	.
Oklahoma	.	0.6665	0	0	.	.
Texas	.	0.6602	1.6419	1.6419	.	.
Mountain	55.1437	0.5839	3.1014	5.3275	0	0
Arizona	55.1437	0.3007	.	49.4028	.	.
Colorado	.	1.4919	32.1557	35.8135	.	.
Idaho	.	6.9293	.	0	.	.
Montana	.	4.6685	55.4539	55.4539	.	.
Nevada	.	0.253	.	0	0	.
New Mexico	.	1.3378	.	.	.	.
Utah	.	2.188	.	0	.	0
Wyoming	.	1.6029	1.2943	1.2943	.	.
Pacific Contiguous	41.9783	0.9714	2.0076	2.3839	.	0
California	42.2914	1.9081	10.6132	7.1865	.	0
Oregon	351.1327	2.3963	0	1.9946	.	.
Washington	0	1.1739	2.5941	2.7162	.	.
Pacific Noncontiguous	.	5.3698	119.6205	21.4242	0	.
Alaska	.	10.4822	119.6205	119.6205	0	.
Hawaii	.	2.0613	.	0	0	.
U.S. Total	25.0884	0.21	0.8027	1.1334	2.6838	0

\* - Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' then values under 0.5 are shown as '\*').

**Table A2.B Electric Utilities by Census Division and State, Year-to-Date**

Census Region and State	Petroleum Liquids	Natural Gas	Coal	Hydroelectric Conventional	Nuclear
New England	6.4997	25.1383	7.4664	13.6627	.
Connecticut	76.5649	116.7458	.	96.2453	.
Maine	70.1013	.	.	.	.
Massachusetts	10.4178	19.6941	.	37.1226	.
New Hampshire	3.4324	54.635	7.4664	10.3643	.
Rhode Island	27.4738	.	.	.	.
Vermont	142.9283	0	.	24.5328	.
Middle Atlantic	9.5365	3.4257	0	0.7095	.
New Jersey	113.12	0	0	0	.
New York	9.5343	3.4115	0	0.7288	.
Pennsylvania	128.3537	218.022	.	3.6674	.
East North Central	1.6238	1.2876	0.3972	4.9423	0
Illinois	10.3653	40.9225	0.7483	81.218	.
Indiana	1.6518	1.0795	0.2473	12.2964	.
Michigan	4.3747	4.7549	1.4135	6.1519	0
Ohio	1.0469	1.8633	0.7384	17.2675	.
Wisconsin	14.1356	3.0883	1.1734	9.38	.
West North Central	2.6035	3.0027	0.3384	2.2699	0
Iowa	3.5761	12.8988	0.9766	13.7678	.
Kansas	5.3712	8.3609	0	.	0
Minnesota	25.2357	2.8034	1.558	17.4162	0
Missouri	3.2464	4.9804	0.4544	3.5222	0
Nebraska	3.7657	18.0538	0.8259	11.1762	0
North Dakota	5.6408	481.9059	1.2265	0	.
South Dakota	39.4797	50.8728	3.8442	0	.
South Atlantic	2.1447	0.1956	0.0864	2.0064	0
Delaware	312.2637	146.4311	.	.	.
District of Columbia	.	0	.	.	.
Florida	3.3499	0.225	0.0618	40.5429	0
Georgia	6.8698	0.3616	0	3.6853	0
Maryland	41.8943	0	.	.	.
North Carolina	7.1797	0.7206	0	4.9674	0
South Carolina	7.7456	1.0177	0.567	4.0143	0
Virginia	3.2544	0.9269	0	2.1993	0
West Virginia	0.8476	178.1695	0.201	26.2356	.
East South Central	0.7908	0.6413	0.2215	1.9896	0
Alabama	0	2.2456	0.2757	2.7795	0
Kentucky	2.0257	1.3449	0.3929	3.5394	.
Mississippi	14.9648	0.4606	0	.	0
Tennessee	0.1115	0	0	3.3412	0
West South Central	1.3256	0.5865	0.173	4.0637	0
Arkansas	0	5.6705	0	4.0505	0
Louisiana	5.6129	0.9093	0	.	0
Oklahoma	3.0147	1.1427	0	7.307	.
Texas	2.1552	0.9195	0.3649	14.9841	.
Mountain	3.3224	0.6321	0.4632	1.3684	0
Arizona	1.4885	0.4946	0	1.1031	0
Colorado	23.4312	2.1511	0.5841	6.9101	.
Idaho	341.7301	37.4808	.	2.9587	.
Montana	496.2983	124.7339	58.3914	1.752	.
Nevada	2.2926	0	0	0.9106	.
New Mexico	6.6506	3.5541	1.8742	26.3435	.
Utah	8.4116	1.7889	1.0631	14.9725	.
Wyoming	5.5502	92.9782	1.1852	4.2516	.
Pacific Contiguous	12.0623	1.214	0	0.4778	0
California	3.7634	1.2658	.	1.6905	0
Oregon	0	0.7332	0	0.9414	.
Washington	81.952	6.7703	.	0.5119	0
Pacific Noncontiguous	0.7487	4.627	0	8.5511	.
Alaska	2.6927	4.627	0	8.5634	.
Hawaii	0.7551	.	.	98.8339	.
U.S. Total	0.8086	0.2554	0.1386	0.4716	0

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

Table A2.B Electric Utilities by Census Division and State, Year-to-Date (Continued)

Census Region and State	Solar Thermal and Photovoltaic	All Fuels	Wind	Other Renewables	Other Energy Sources	Geothermal
New England	78.9055	5.675	21.2791	4.2799	.	.
Connecticut	.	76.9076	.	.	.	.
Maine	.	70.1013	.	.	.	.
Massachusetts	78.9055	19.1309	25.6543	25.0197	.	.
New Hampshire	.	5.0869	.	5.8725	.	.
Rhode Island	.	27.4738	.	.	.	.
Vermont	.	16.1568	0	0	.	.
Middle Atlantic	41.3117	1.2453	.	41.3117	.	.
New Jersey	41.3117	5.4162	.	41.3117	.	.
New York	.	1.2908	.	.	.	.
Pennsylvania	.	4.8147	.	.	.	.
East North Central	48.3881	0.3545	1.0164	1.5282	0	.
Illinois	.	1.3799	46.0628	46.0628	.	.
Indiana	.	0.2584	.	8.1371	0	.
Michigan	.	0.9337	.	0	0	.
Ohio	48.3881	0.6954	39.8217	36.309	.	.
Wisconsin	.	1.1652	0.3981	0.4576	0	.
West North Central	.	0.3135	0.2408	0.2993	2.7588	.
Iowa	.	0.9414	0.2069	0.2303	.	.
Kansas	.	0.6565	0	0	.	.
Minnesota	.	0.9202	0.8899	1.2111	0	.
Missouri	.	0.443	.	19.0205	0	.
Nebraska	.	0.9098	4.9279	5.4164	.	.
North Dakota	.	1.0797	1.3685	1.3685	17.0019	.
South Dakota	.	1.9955	0.6384	0.6384	0	.
South Atlantic	5.0074	0.0947	.	1.6447	0	.
Delaware	194.3377	138.9811	.	194.3377	.	.
District of Columbia	.	0	.	.	.	.
Florida	0	0.1584	.	1.2481	.	.
Georgia	.	0.1934	.	0	.	.
Maryland	221.5654	42.557	.	67.0071	.	.
North Carolina	105.4975	0.2157	.	105.4975	.	.
South Carolina	.	0.2851	.	2.8637	.	.
Virginia	.	0.2804	.	0	.	.
West Virginia	.	0.3663	.	0	0	.
East South Central	.	0.2093	0	13.4023	0	.
Alabama	.	0.4048	.	105.7474	.	.
Kentucky	.	0.3783	.	13.5293	0	.
Mississippi	.	0.3673	.	0	.	.
Tennessee	.	0.4188	0	0	.	.
West South Central	.	0.2473	1.7966	1.7966	.	.
Arkansas	.	0.3998	.	.	.	.
Louisiana	.	0.393	.	.	.	.
Oklahoma	.	0.6095	2.1211	2.1211	.	.
Texas	.	0.4525	0.8437	0.8437	.	.
Mountain	25.101	0.3355	0.8879	1.2926	0	0
Arizona	25.101	0.1165	.	20.9677	.	.
Colorado	.	0.6874	11.8044	12.671	.	.
Idaho	.	3.0003	.	0	.	.
Montana	.	2.6866	18.0904	18.0904	.	.
Nevada	.	0.1144	.	0	0	.
New Mexico	.	1.6736	.	.	.	.
Utah	.	0.9927	.	0	.	0
Wyoming	.	1.1173	0.3832	0.3832	.	.
Pacific Contiguous	23.8413	0.3839	0.971	0.9476	.	0
California	24.1593	0.7655	5.5302	2.591	.	0
Oregon	165.7272	0.8231	0	0.781	.	.
Washington	0	0.4864	1.1191	1.1906	.	.
Pacific Noncontiguous	.	1.8394	39.5174	16.6389	0	.
Alaska	.	3.4408	39.5174	39.5174	0	.
Hawaii	.	0.8337	.	0	0	.
U.S. Total	10.7052	0.1035	0.3345	0.3829	1.6885	0

\* - Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' then values under 0.5 are shown as '0').



Table A3.A Independent Power Producers by Census Division and State, 06 2012

Census Region and State	Coal	Nuclear	Hydroelectric Conventional	Petroleum Liquids	Natural Gas
New England	29.7128	0	8.9127	2.1368	1.0283
Connecticut	0	0	57.4295	3.483	1.8699
Maine	0	.	14.968	1.8935	1.2244
Massachusetts	34.4289	0	8.8714	3.2892	1.9818
New Hampshire	.	0	19.5487	2322.7155	0
Rhode Island	.	.	534.6465	433.9114	2.3128
Vermont	.	0	39.3891	.	.
Middle Atlantic	1.6277	0	9.1679	7.2627	0.9526
New Jersey	0	0	181.7449	44.2379	2.1912
New York	18.8544	0	15.6653	12.0108	1.615
Pennsylvania	1.5884	0	7.1345	7.4199	1.1843
East North Central	0.1359	0	61.6078	4.6887	0.9478
Illinois	0	0	65.7514	0	2.137
Indiana	0	.	.	52083.5657	3.5873
Michigan	34.5485	0	105.8403	0	2.388
Ohio	0	0	.	5.5387	0.4359
Wisconsin	0	0	105.4793	0	0
West North Central	.	0	65.8708	274.6191	2.7008
Iowa	.	0	326.57	350.4163	1789.7733
Kansas	.	.	314.815	.	.
Minnesota	.	.	68.6626	1131.6431	7.5352
Missouri	.	.	.	0	1.6825
South Dakota	.	.	.	479.2992	.
South Atlantic	1.49	0	5.8096	7.0756	1.2059
Delaware	2.6344	.	.	13.8464	4.1801
District of Columbia	.	.	.	0	.
Florida	6.49	.	.	268.8988	3.5727
Georgia	.	.	376.7862	3901.9212	1.0882
Maryland	2.0796	0	0	7.6499	6.7292
North Carolina	19.8694	.	184.5827	335.5742	0.7093
South Carolina	0	.	138.2992	0	14.7779
Virginia	35.8553	.	139.096	15.1021	1.9831
West Virginia	0.5626	.	18.4701	0	0
East South Central	0	.	392.4454	296.7683	0.329
Alabama	0	.	.	296.7683	0.4164
Kentucky	.	.	392.4454	.	0
Mississippi	0	.	.	0	0.3304
West South Central	0	0	16.6745	0	0.2882
Arkansas	0	.	153.3265	0	0
Louisiana	0	.	0	0	0.1548
Oklahoma	0	.	.	.	1.2693
Texas	0	0	175.6963	0	0.3496
Mountain	12.5588	.	10.3452	5.9004	1.6058
Arizona	.	.	.	.	0.8534
Colorado	66.5658	.	77.442	0	5.3225
Idaho	.	.	23.427	.	197.9923
Montana	13.0505	.	10.7388	6.2128	226.7229
Nevada	0	.	155.2647	0	2.8834
New Mexico	.	.	.	462.0943	4.2772
Utah	99.1526	.	317.636	0	45.4894
Wyoming	98.5611	.	308.3075	.	272.4248
Pacific Contiguous	12.9636	.	17.4725	17.7243	1.6904
California	12.9636	.	19.3659	0	1.6974
Oregon	.	.	54.8507	.	14.5794
Washington	0	.	53.3398	177.5657	0
Pacific Noncontiguous	4.993	.	0	2.4209	.
Alaska	49.1817	.	.	.	.
Hawaii	0	.	0	2.4209	.
U.S. Total	0.5731	0	4.9715	1.7872	0.3249

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*\*)

Table A3.A Independent Power Producers by Census Division and State, 06 2012 (Continued)

Census Region and State	Solar Thermal and Photovoltaic	All Fuels	Other Renewables	Other Energy Sources	Wind	Geothermal
New England	148.7769	0.8913	5.323	3.4174	6.294	.
Connecticut	.	0.9255	9.896	3.7881	.	.
Maine	.	4.309	3.7624	8.061	6.4405	.
Massachusetts	169.6491	2.0533	13.75	6.095	145.7582	.
New Hampshire	.	1.4043	18.2725	24.8865	17.4527	.
Rhode Island	.	2.3651	39.8223	.	253.4548	.
Vermont	308.6925	5.2088	32.8694	.	0	.
Middle Atlantic	32.2439	0.5452	3.4683	3.8472	2.9642	.
New Jersey	40.1898	1.0094	16.1704	5.3724	119.1452	.
New York	0	1.1323	3.666	3.9487	2.1715	.
Pennsylvania	95.3728	0.7316	5.2134	10.0555	6.0512	.
East North Central	69.5791	0.2353	2.4065	12.2637	1.4079	.
Illinois	34.2103	0.1945	2.5536	0	1.9129	.
Indiana	.	1.0805	0.3704	.	0.3704	.
Michigan	.	2.1166	8.6247	12.2637	9.3253	.
Ohio	98.4331	0.2114	8.7867	.	0	.
Wisconsin	.	0.7144	11.1699	.	9.7832	.
West North Central	.	1.1388	1.2844	19.1733	1.1378	0
Iowa	.	1.0163	1.7688	.	1.6201	.
Kansas	.	1.1497	0.8054	.	0.8054	.
Minnesota	.	4.079	3.8226	19.1733	3.51	0
Missouri	.	1.3734	2.2673	.	1.4233	.
Nebraska	.	0	0	.	0	.
North Dakota	.	3.5082	3.5082	.	3.5082	.
South Dakota	.	2.4573	2.4564	.	2.4564	.
South Atlantic	56.9051	0.7918	4.0581	2.7351	1.9134	.
Delaware	137.2271	3.2863	40.2291	.	.	.
District of Columbia	.	0	.	.	.	.
Florida	81.4577	2.7093	6.9324	3.8622	.	.
Georgia	.	1.1412	46.3593	.	.	.
Maryland	248.3739	1.2386	5.2525	0	9.4609	.
North Carolina	97.9557	6.5615	9.1546	55.1602	.	.
South Carolina	.	15.2268	103.1549	.	.	.
Virginia	.	3.6783	11.293	0	.	.
West Virginia	.	0.544	0	0	0	.
East South Central	.	0.3217	8.0295	.	0	.
Alabama	.	0.4138	0	.	.	.
Kentucky	.	7.1014	.	.	.	.
Mississippi	.	0.2914	0	.	.	.
Tennessee	.	49.2837	49.2837	.	0	.
West South Central	41.66	0.1718	0.8698	0	0.8202	.
Arkansas	.	0.296	65.8804	.	.	.
Louisiana	.	0.1754	53.898	.	.	.
Oklahoma	.	0.939	1.2663	.	1.2663	.
Texas	41.66	0.1954	0.986	0	0.94	.
Mountain	8.9687	1.9878	1.7486	5.331	1.5431	5.2517
Arizona	9.7458	0.9065	6.8666	0	8.9402	.
Colorado	30.9939	3.3148	2.2226	38.7859	1.8808	0
Idaho	.	11.3646	8.5445	.	9.324	26.62
Montana	.	7.9006	2.485	0	2.8833	0
Nevada	9.0521	2.4246	4.8805	.	.	5.5964
New Mexico	34.9751	3.3763	5.4555	.	0.4772	.
Utah	401.5056	22.3456	4.3215	180.3693	2.8725	151.9251
Wyoming	.	20.6529	4.6178	.	4.6178	.
Pacific Contiguous	8.5114	1.19	1.2788	14.4321	0.9786	2.6016
California	8.449	1.2839	1.583	21.6723	1.4157	2.6016
Oregon	289.601	4.4365	2.4918	30.1138	2.0815	.
Washington	.	3.8769	1.3606	22.9606	0.4894	.
Pacific Noncontiguous	216.8973	2.6686	7.2145	0	12.6675	0
Alaska	.	49.1817	.	0	.	.
Hawaii	216.8973	1.5992	7.2145	0	12.6675	0
U.S. Total	7.5262	0.2182	0.7985	2.2903	0.52	2.6067

\* - Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' then values under 0.5 are shown as '.')

**Table A3.B Independent Power Producers by Census Division and State, Year-to-Date**

Census Region and State	Coal	Nuclear	Hydroelectric Conventional	Petroleum Liquids	Natural Gas
New England	10.7602	0	5.1461	4.0963	0.5558
Connecticut	0	0	27.3045	8.2064	0.8564
Maine	0	.	8.383	0.9216	0.5003
Massachusetts	11.5531	0	6.2056	5.6729	0.9517
New Hampshire	.	0	10.7807	1293.5066	2.2608
Rhode Island	.	.	264.2153	972.6336	0.9403
Vermont	.	0	19.3292	.	.
Middle Atlantic	0.8559	0	5.4632	6.1301	0.4433
New Jersey	0	0	98.7181	52.8211	1.0136
New York	11.1748	0	8.085	10.262	0.8598
Pennsylvania	0.765	0	5.3144	7.0886	0.486
East North Central	0.052	0	23.9553	2.1352	0.5786
Illinois	0.0267	0	33.8862	0	1.0313
Indiana	0	.	.	33387.007	2.703
Michigan	7.9509	0	40.7524	73.5124	0.9355
Ohio	0.1637	0	.	1.5331	1.3594
Wisconsin	0	0	44.3059	0	0
West North Central	.	0	28.6006	10.4926	1.7414
Iowa	.	0	138.6478	101.9832	1267.7189
Kansas	.	.	154.9048	.	.
Minnesota	.	.	29.6671	2.7769	4.0397
Missouri	.	.	.	0	1.5297
South Dakota	.	.	.	139.8327	.
South Atlantic	0.9532	0	2.7104	3.2898	0.5687
Delaware	1.8993	.	.	8.223	1.5802
District of Columbia	.	.	.	0	.
Florida	4.6362	.	.	59.9329	1.811
Georgia	.	.	150.7599	108.8863	0.7137
Maryland	0.8927	0	0.8529	4.4833	2.4079
North Carolina	12.2212	.	87.5235	153.1477	0.2772
South Carolina	266.9748	.	67.6794	0	3.8669
Virginia	19.4442	.	67.9988	5.0563	0.8084
West Virginia	0.273	.	4.6999	0	0
East South Central	0	.	192.7879	38.7948	0.1246
Alabama	0	.	.	38.7948	0.1468
Kentucky	.	.	192.7879	.	0
Mississippi	0	.	.	0	0.1744
West South Central	0	0	4.5745	0	0.2354
Arkansas	0	.	74.7043	0	0
Louisiana	0	.	0	0	0.0732
Oklahoma	0	.	.	.	0.7333
Texas	0	0	86.1864	0	0.2943
Mountain	3.3539	.	4.4832	4.9494	0.9354
Arizona	.	.	.	.	0.928
Colorado	42.2136	.	32.0183	0	2.66
Idaho	.	.	11.1088	.	3.3037
Montana	3.154	.	4.649	6.1791	130.0337
Nevada	0	.	64.9737	0	1.9612
New Mexico	.	.	.	134.8148	1.8955
Utah	47.8141	.	132.4856	0	21.3739
Wyoming	39.7655	.	127.9873	.	189.8715
Pacific Contiguous	4.4781	.	9.156	9.3718	0.7065
California	7.0003	.	11.2445	9.0646	0.7836
Oregon	.	.	21.9037	.	1.1005
Washington	0	.	22.6381	26.697	0
Pacific Noncontiguous	2.1779	.	0	6.1859	.
Alaska	20.6368	.	.	.	.
Hawaii	0	.	0	6.1859	.
U.S. Total	0.3035	0	2.4895	3.5809	0.1741

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*\*)

**Table A3.B Independent Power Producers by Census Division and State, Year-to-Date (continued)**

Census Region and State	Solar Thermal and Photovoltaic	All Fuels	Other Renewables	Other Energy Sources	Wind	Geothermal
New England	81.7668	0.4843	1.864	1.4642	2.3866	.
Connecticut	.	0.4565	2.7436	1.8477	.	.
Maine	.	2.6817	1.2956	3.8244	1.2477	.
Massachusetts	98.6693	0.9509	3.3949	2.1959	45.1033	.
New Hampshire	.	1.1851	7.8695	12.9618	14.6083	.
Rhode Island	.	0.9533	11.2219	.	82.9553	.
Vermont	145.6973	2.8024	12.2324	.	0	.
Middle Atlantic	14.6089	0.2689	0.9289	1.6343	0.9025	.
New Jersey	19.5797	0.424	4.4286	2.563	39.3881	.
New York	0	0.6909	0.9889	2.5886	0.6828	.
Pennsylvania	44.5607	0.3226	1.4806	2.492	1.919	.
East North Central	33.4137	0.1165	0.6157	5.1757	0.382	.
Illinois	17.8824	0.0699	0.6441	32.798	0.5492	.
Indiana	.	0.5168	0.1035	.	0.1035	.
Michigan	.	0.7368	2.8521	3.8994	2.5615	.
Ohio	46.4714	0.406	2.0715	.	0	.
Wisconsin	.	0.2903	3.5342	.	3.4564	.
West North Central	.	0.425	0.4381	9.927	0.4175	173.5444
Iowa	.	0.3771	0.6254	.	0.6073	.
Kansas	.	1.145	0.9847	.	0.9847	.
Minnesota	.	1.4082	1.1735	9.927	1.1536	173.5444
Missouri	.	0.8784	0.6127	.	0.4405	.
Nebraska	.	0	0	.	0	.
North Dakota	.	1.117	1.117	.	1.117	.
South Dakota	.	0.8353	0.8351	.	0.8351	.
South Atlantic	22.3069	0.4221	1.1515	1.2943	0.6585	.
Delaware	64.6035	1.3603	12.0262	.	.	.
District of Columbia	.	0	.	.	.	.
Florida	38.6173	1.3421	2.023	1.6727	.	.
Georgia	.	0.7338	17.7866	.	.	.
Maryland	112.5946	0.4987	2.1043	0	3.4551	.
North Carolina	25.9381	3.6986	2.7995	27.1555	.	.
South Carolina	.	4.5076	28.0148	.	.	.
Virginia	.	2.0912	3.475	2.3945	.	.
West Virginia	.	0.2652	0	0	0	.
East South Central	.	0.1222	2.2107	.	0	.
Alabama	.	0.146	0	.	.	.
Kentucky	.	6.911	.	.	.	.
Mississippi	.	0.1334	0	.	.	.
Tennessee	.	8.3554	8.3554	.	0	.
West South Central	17.1541	0.132	0.405	0	0.4024	.
Arkansas	.	0.2203	19.544	.	.	.
Louisiana	.	0.0643	14.7131	.	.	.
Oklahoma	.	0.5218	0.789	.	0.789	.
Texas	17.1541	0.1559	0.4526	0	0.4508	.
Mountain	4.682	0.8723	0.6769	1.1618	0.6523	2.2696
Arizona	6.1136	0.8917	3.2053	0	4.314	.
Colorado	16.6996	1.4426	0.9624	26.8117	0.9069	85.6452
Idaho	.	3.3162	3.2731	.	3.5484	9.6431
Montana	.	2.3478	1.1765	0	1.2067	0
Nevada	4.1671	1.3545	2.0952	.	.	2.3039
New Mexico	15.6919	1.2952	1.6371	.	0.8515	.
Utah	279.1905	11.5616	2.239	69.0302	1.9837	51.0348
Wyoming	.	6.7493	1.3784	.	1.3784	.
Pacific Contiguous	4.2726	0.5301	0.6017	5.215	0.7203	0.9589
California	4.2398	0.6155	0.7522	5.9824	1.2254	0.9589
Oregon	136.6873	0.9784	1.1578	15.3866	1.0215	.
Washington	.	1.2524	0.6764	11.9108	0.578	.
Pacific Noncontiguous	105.6213	2.5357	4.1765	0	7.5725	0
Alaska	.	20.6368	.	0	.	.
Hawaii	105.6213	2.4468	4.1765	0	7.5725	0
U.S. Total	3.7523	0.1106	0.28	1.04	0.2373	0.9907

\* - Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' then values under 0.5 are shown as '.')

**Table A4.A Commercial Sector by Census Division and State, 06 2012**

Census Region and State	Natural Gas	Hydroelectric Conventional	Petroleum Liquids	Coal
New England	19.597	465.9902	28.914	.
Connecticut	65.4737	.	0	.
Maine	1092.7798	.	237.7339	.
Massachusetts	16.2578	465.9902	29.2063	.
New Hampshire	.	.	88.0734	.
Rhode Island	85.7422	.	722.0287	.
Vermont	.	.	0	.
Middle Atlantic	18.5985	469.5279	73.4	0
New Jersey	61.4084	.	683.5362	.
New York	19.523	469.5279	79.2457	0
Pennsylvania	76.2408	.	160.1544	0
East North Central	29.3775	585.7208	223.9873	11.6227
Illinois	13.9212	.	322.5483	0
Indiana	95.5986	.	986.3832	20.7888
Michigan	64.4778	.	111.4505	0
Ohio	0	.	0	0
Wisconsin	107.6557	585.7208	5953.7429	162.6733
West North Central	71.2108	.	242.1175	31.762
Iowa	444.7507	.	855.687	51.3217
Minnesota	139.2854	.	262.8754	.
Missouri	0	.	992.9167	0
Nebraska	1993.9792	.	.	.
North Dakota	.	.	1485.8845	.
South Dakota	.	.	2015.6498	.
South Atlantic	47.1795	160.6606	157.726	66.4473
Florida	113.2293	.	0	.
Georgia	0	.	197.7913	.
Maryland	55.9708	.	1746.0763	0
North Carolina	0	169.1469	983.2869	0
South Carolina	521.2679	0	386.3465	.
Virginia	.	.	0	189.095
East South Central	64.742	.	.	155.0731
Mississippi	149.3594	.	.	.
Tennessee	71.7437	.	.	155.0731
West South Central	16.959	.	587.0634	.
Arkansas	661.272	.	.	.
Louisiana	104.5371	.	.	.
Oklahoma	118.7719	.	1118.79	.
Texas	13.1767	.	666.98	.
Mountain	32.3834	.	1456.5572	.
Arizona	57.6616	.	1456.5572	.
Colorado	0	.	0	.
Nevada	61.8374	.	.	.
New Mexico	57.0462	.	.	.
Utah	0	.	0	.
Pacific Contiguous	14.6434	247.9287	419.8077	.
California	13.9532	247.9287	495.2005	.
Oregon	0	.	.	.
Washington	243.6023	.	666.1613	.
Pacific Noncontiguous	1256.9614	.	117.8917	17.8956
Alaska	1256.9614	.	135.2192	17.8956
Hawaii	.	.	0	.
U.S. Total	9.1371	158.3834	25.9774	11.289

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' then values under 0.5 are shown as '0.')

**Table A4.A Commercial Sector by Census Division and State, 06 2012 (Continued)**

Census Region and State	Other Energy Sources	All Fuels	Solar Thermal and Photovoltaic	Wind	Other Renewables
New England	9.3114	8.2581	246.4271	147.0951	8.6006
Connecticut	.	65.4737	.	.	.
Maine	38.6529	23.9815	.	.	30.69
Massachusetts	0	6.2919	246.4271	147.0951	4.6559
New Hampshire	.	88.0734	.	.	.
Rhode Island	.	85.2645	.	.	.
Vermont	.	0	.	.	.
Middle Atlantic	7.6518	7.1743	118.3197	.	7.0409
New Jersey	13.5674	14.269	128.4085	.	15.5898
New York	24.1934	13.5186	436.4664	.	19.6604
Pennsylvania	6.9051	7.02	401.5056	.	6.4823
East North Central	17.1763	15.6823	.	314.4186	14.8504
Illinois	.	13.9166	.	.	0
Indiana	87.9024	23.9265	.	314.4186	70.5687
Michigan	16.5311	21.7503	.	.	14.1629
Ohio	.	0	.	.	.
Wisconsin	966.8209	82.0424	.	.	56.7755
West North Central	75.7189	32.4364	.	98.5422	46.8593
Iowa	.	51.0146	.	268.2266	64.5849
Minnesota	75.7189	94.9127	.	105.6597	92.5597
Missouri	0	0.4122	.	.	.
Nebraska	.	126.9393	.	.	82.1257
North Dakota	.	1485.8845	.	.	.
South Dakota	.	2015.6498	.	.	.
South Atlantic	7.4444	8.7093	457.7595	222.3297	8.2425
Delaware	.	222.3297	.	222.3297	222.3297
Florida	0	9.4381	.	.	7.147
Georgia	.	68.754	.	.	72.8545
Maryland	961.8028	40.22	457.7595	.	44.8992
North Carolina	.	29.6669	.	.	.
South Carolina	.	359.0729	.	.	.
Virginia	14.7734	11.4823	.	.	12.5553
East South Central	509.4786	59.5421	.	.	.
Mississippi	509.4786	145.6985	.	.	.
Tennessee	.	65.1627	.	.	.
West South Central	.	16.1968	.	.	52.7767
Arkansas	.	185.827	.	.	161.1398
Louisiana	.	104.5371	.	.	.
Oklahoma	.	118.1111	.	.	.
Texas	.	12.9206	.	.	55.7907
Mountain	.	24.9851	44.9977	82.0748	38.7889
Arizona	.	56.0868	323.7472	.	200.7278
Colorado	.	65.7051	135.608	89.8803	78.6893
Nevada	.	34.2191	23.0386	.	23.0386
New Mexico	.	54.924	.	196.9143	196.9143
Utah	.	0	.	.	.
Pacific Contiguous	0	8.5221	98.5938	.	8.0372
California	0	8.1973	98.5938	.	8.0552
Oregon	.	69.813	.	.	69.813
Washington	.	241.0323	.	.	.
Pacific Noncontiguous	0	10.8505	.	.	0
Alaska	.	21.7936	.	.	.
Hawaii	0	0	.	.	0
U.S. Total	4.6134	4.2398	43.9839	55.3619	4.3375

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

**A4.B Commercial Sector by Census Division and State, Year-to-Date**

Census Region and State	Natural Gas	Hydroelectric Conventional	Petroleum Liquids	Coal
New England	8.4998	228.6635	22.0277	.
Connecticut	33.839	.	0	.
Maine	511.6958	.	151.6638	.
Massachusetts	6.411	228.6635	24.0196	.
New Hampshire	.	.	50.035	.
Rhode Island	45.7988	.	455.7337	.
Vermont	.	.	0	.
Middle Atlantic	9.5884	260.2511	42.3864	0
New Jersey	31.8131	.	302.6429	.
New York	9.5125	260.2511	28.4674	0
Pennsylvania	43.5051	.	203.9293	0
East North Central	9.9632	405.4034	169.5639	5.4993
Illinois	5.949	.	63.2075	0
Indiana	50.2367	.	485.1802	11.138
Michigan	20.1609	.	132.1151	0
Ohio	0	.	0	0
Wisconsin	44.549	405.4034	2940.565	58.738
West North Central	21.9846	.	110.3411	13.5463
Iowa	137.985	.	449.5163	19.6024
Minnesota	42.1011	.	120.7703	.
Missouri	0	.	289.6604	0
Nebraska	738.0715	.	.	.
North Dakota	.	.	433.4749	.
South Dakota	.	.	587.9278	.
South Atlantic	30.6283	72.3297	47.3019	36.2239
Florida	68.4059	.	0	.
Georgia	0	.	58.1234	.
Maryland	35.9761	.	874.6302	0
North Carolina	0	66.8795	458.3931	0
South Carolina	407.7942	358.154	112.7138	.
Virginia	.	.	0	121.441
East South Central	34.1285	.	.	52.2915
Mississippi	77.2172	.	.	.
Tennessee	37.9133	.	.	52.2915
West South Central	9.8391	.	146.3821	.
Arkansas	358.4177	.	.	.
Louisiana	53.6163	.	.	.
Oklahoma	72.5862	.	204.3612	.
Texas	7.7487	.	197.9536	.
Mountain	18.6939	.	424.9769	.
Arizona	32.2449	.	424.9769	.
Colorado	0	.	0	.
Nevada	34.0667	.	.	.
New Mexico	31.6595	.	.	.
Utah	351.4021	.	0	.
Pacific Contiguous	8.2031	175.7034	145.699	.
California	8.119	175.7034	144.4762	.
Oregon	0	.	.	.
Washington	97.9036	.	254.5765	.
Pacific Noncontiguous	509.4143	.	48.3825	6.0542
Alaska	509.4143	.	67.1326	6.0542
Hawaii	.	.	0	.
U.S. Total	4.1126	79.8768	16.8636	4.8808

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' then values under 0.5 are shown as '.').

**Table A4.B Commercial Sector by Census Division and State, Year-to-Date (continued)**

Census Region and State	Other Energy Sources	All Fuels	Solar Thermal and Photovoltaic	Wind	Other Renewables
New England	9.6571	5.8634	129.0711	84.5636	8.6422
Connecticut	.	33.839	.	.	.
Maine	14.6302	9.6812	.	.	12.8234
Massachusetts	0	5.3992	129.0711	84.5636	6.2168
New Hampshire	.	50.035	.	.	.
Rhode Island	.	45.6225	.	.	.
Vermont	.	0	.	.	.
Middle Atlantic	5.2238	4.9615	63.9193	.	5.0483
New Jersey	13.5674	17.0148	70.296	.	18.7213
New York	13.2935	6.9944	253.0758	.	11.4739
Pennsylvania	3.3424	6.5324	189.5009	.	3.8105
East North Central	12.9239	6.1347	.	126.4955	9.888
Illinois	.	5.4793	.	.	1672.6744
Indiana	33.5487	12.9377	.	126.4955	29.9129
Michigan	13.8156	9.5808	.	.	12.0377
Ohio	.	0	.	.	.
Wisconsin	316.311	28.9864	.	.	18.8439
West North Central	32.1768	11.2862	.	38.5675	19.2773
Iowa	.	17.9114	.	110.5754	26.513
Minnesota	32.1768	30.2848	.	40.8504	36.0392
Missouri	0	0.1381	.	.	.
Nebraska	.	42.4764	.	.	34.0547
North Dakota	.	433.4749	.	.	.
South Dakota	.	587.9278	.	.	.
South Atlantic	3.1034	6.8905	457.7595	89.4466	5.155
Delaware	.	89.4466	.	89.4466	89.4466
Florida	0	17.1537	.	.	10.4154
Georgia	.	27.9934	.	.	30.3212
Maryland	690.6952	23.293	457.7595	.	19.9885
North Carolina	.	10.3659	.	.	.
South Carolina	.	233.2482	.	.	.
Virginia	3.8795	6.3936	.	.	3.3749
East South Central	367.1621	29.6726	.	.	.
Mississippi	367.1621	76.4448	.	.	.
Tennessee	.	31.9682	.	.	.
West South Central	.	9.2144	.	.	21.8547
Arkansas	.	90.6098	.	.	66.8119
Louisiana	.	53.6163	.	.	.
Oklahoma	.	71.6935	.	.	.
Texas	.	7.3537	.	.	23.0888
Mountain	.	14.6565	22.9845	42.1352	21.2885
Arizona	.	30.1886	156.7023	.	80.7617
Colorado	.	36.4091	67.9488	46.2302	38.2224
Nevada	.	23.1634	10.0713	.	10.0713
New Mexico	.	30.3475	.	100.0798	100.0798
Utah	.	351.4021	.	.	.
Pacific Contiguous	0	4.6592	52.898	.	3.4809
California	0	4.6195	52.898	.	3.4832
Oregon	.	29.0682	.	.	29.0682
Washington	.	96.6105	.	.	.
Pacific Noncontiguous	0	3.0886	.	.	0
Alaska	.	6.5612	.	.	.
Hawaii	0	0	.	.	0
U.S. Total	3.0559	2.2748	22.9523	25.6325	2.5076

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "\*")



**Table A5.A Industrial Sector by Census Division and State, 06 2012**

Census Region and State	Hydroelectric Conventional	Coal	Natural Gas	Petroleum Liquids
New England	15.6282	62.8289	9.6597	46.8494
Connecticut	.	.	35.8039	409.8897
Maine	14.6048	0	8.849	43.6995
Massachusetts	461.1937	128.5335	47.2211	7402.3625
New Hampshire	447.7271	.	120.9718	1143.9514
Vermont	228.7616	.	.	.
Middle Atlantic	150.2504	15.7331	17.6228	14.426
New Jersey	.	.	28.2387	287.5755
New York	150.2504	0	35.2762	4.8544
Pennsylvania	.	20.8044	26.4654	224.3333
East North Central	76.5513	7.1279	23.2984	34.5926
Illinois	.	7.8916	32.7953	10186.7154
Indiana	.	103.6446	22.6606	38.7308
Michigan	185.269	69.4969	82.1968	0
Ohio	.	23.7048	92.3384	0
Wisconsin	84.0213	11.6205	74.9225	227.1021
West North Central	80.9005	10.8334	162.4239	146.8863
Iowa	.	10.4263	337.4313	768.3234
Kansas	.	.	0	.
Minnesota	80.9005	24.4708	172.3208	203.4995
Missouri	.	117.2286	570.5796	0
Nebraska	.	108.2279	0	.
North Dakota	.	68.62	723.438	208.5706
South Atlantic	16.3306	10.2311	6.7269	36.5377
Delaware	.	.	0	.
Florida	.	52.566	11.4468	99.8709
Georgia	253.3239	12.9126	17.6403	68.4253
Maryland	.	0	27.784	0
North Carolina	0	45.1416	68.8391	107.6766
South Carolina	.	0	0	0
Virginia	325.5795	20.7297	16.2705	58.1758
West Virginia	11.8083	2.8168	199.0644	.
East South Central	.	8.1511	10.7826	63.6612
Alabama	.	29.3891	11.6952	82.8273
Kentucky	.	.	41.7816	.
Mississippi	.	0	29.555	0
Tennessee	.	5.1091	26.9702	245.5781
West South Central	.	34.4476	1.4322	181.9418
Arkansas	.	0	28.1767	1155.1465
Louisiana	.	0	1.6644	0
Oklahoma	.	42.8802	60.1791	2365.0212
Texas	.	0	2.019	638.1767
Mountain	.	14.327	20.257	187.3138
Arizona	.	53.108	616.3394	185.0482
Colorado	.	.	117.2869	6302.7123
Idaho	.	81.0223	208.6603	.
Montana	.	0	1696.6731	0
Nevada	.	.	32.1155	.
New Mexico	.	.	0	5602.4109
Utah	.	0	37.9185	.
Wyoming	.	47.4998	27.5117	1127.4436
Pacific Contiguous	581.3939	0	4.4339	88.9621
California	0	0	4.3758	116.5179
Oregon	.	.	159.874	0
Washington	581.3939	0	0	107.6157
Pacific Noncontiguous	142.0371	145.1284	407.2217	22.9728
Alaska	.	.	407.2217	47.3193
Hawaii	142.0371	145.1284	.	25.8429
U.S. Total	17.644	4.8508	1.5251	15.3884

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' then values under 0.5 are shown as '.').

Table A5.A Industrial Sector by Census Division and State, 06 2012 (Continued)

Census Region and State	All Fuels	Other Renewables	Other Energy Sources	Solar Thermal and Photovoltaic	Wind
New England	5.2011	1.9226	29.8801	.	.
Connecticut	34.7342	.	102.6785	.	.
Maine	4.3673	1.9119	0	.	.
Massachusetts	44.2245	.	.	.	.
New Hampshire	117.2424	0	.	.	.
Vermont	228.7616	.	.	.	.
Middle Atlantic	8.5028	10.33	0	187.0932	170.522
New Jersey	24.5982	457.7595	0	457.7595	.
New York	12.7822	8.6631	.	.	170.522
Pennsylvania	10.875	13.3095	.	204.8803	.
East North Central	5.3538	5.8071	4.3923	.	134.0755
Illinois	8.7425	0	0	.	.
Indiana	5.6853	88.3805	0	.	.
Michigan	22.1156	9.0476	0	.	.
Ohio	21.7391	11.6722	0	.	134.0755
Wisconsin	13.8862	9.3218	65.38	.	.
West North Central	9.257	3.9026	116.8506	.	0
Iowa	11.676	0	.	.	.
Kansas	0	0	.	.	0
Minnesota	18.1981	8.5152	116.8506	.	.
Missouri	105.4321	181.7603	.	.	.
Nebraska	108.2279	.	.	.	.
North Dakota	56.9249	120.915	.	.	.
South Atlantic	2.276	2.0779	5.7568	.	.
Delaware	0	.	.	.	.
Florida	5.1418	6.0442	5.4029	.	.
Georgia	4.0934	3.7037	11.4569	.	.
Maryland	9.3667	0	.	.	.
North Carolina	9.4075	5.2204	0	.	.
South Carolina	0	0	0	.	.
Virginia	7.3363	4.8874	0	.	.
West Virginia	6.3673	.	0	.	.
East South Central	3.1816	2.858	144.8227	.	.
Alabama	4.7561	3.9636	0	.	.
Kentucky	16.827	2.4019	.	.	.
Mississippi	7.2804	3.4267	147.4392	.	.
Tennessee	4.6156	8.4919	0	.	.
West South Central	1.3858	3.6235	11.9706	.	.
Arkansas	3.9501	3.2347	0	.	.
Louisiana	1.9451	5.8748	8.3464	.	.
Oklahoma	23.9443	18.8116	0	.	.
Texas	1.8712	8.4301	19.365	.	.
Mountain	8.7401	4.2013	24.5747	99.1748	198.7107
Arizona	52.8608	.	.	.	.
Colorado	48.7539	198.7107	54.0023	.	198.7107
Idaho	14.2765	3.1192	0	.	.
Montana	390.8777	.	.	.	.
Nevada	31.7211	99.1748	.	99.1748	.
New Mexico	3.3038	.	.	.	.
Utah	7.5508	.	0	.	.
Wyoming	17.8223	.	0	.	.
Pacific Contiguous	3.4189	6.4284	9.9732	0	.
California	3.6214	13.7346	11.2636	0	.
Oregon	26.932	9.4312	0	.	.
Washington	7.073	7.6972	0	.	.
Pacific Noncontiguous	30.481	32.4437	.	.	.
Alaska	120.7618	150.1491	.	.	.
Hawaii	30.3918	33.0327	.	.	.
U.S. Total	1.1667	1.6238	6.0813	158.5845	4.121

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*\*)

**Table A5.B Industrial Sector by Census Division and State, Year-to-Date**

Census Region and State	Hydroelectric Conventional	Coal	Natural Gas	Petroleum Liquids
New England	9.9614	27.6751	4.2425	10.9276
Connecticut	.	.	18.9292	245.7483
Maine	9.3832	0	3.7693	10.0255
Massachusetts	229.8417	49.488	26.6988	5231.6932
New Hampshire	221.7361	.	62.1897	391.8336
Vermont	112.6272	.	.	.
Middle Atlantic	73.6199	6.069	8.8887	13.6566
New Jersey	.	.	14.4014	485.5568
New York	73.6199	0	17.1374	8.4841
Pennsylvania	.	8.108	13.7014	92.2994
East North Central	32.0439	2.731	9.0783	16.0607
Illinois	.	3.1671	17.6609	3013.0391
Indiana	.	41.6377	10.1624	10.0184
Michigan	78.167	22.355	25.6939	0
Ohio	.	8.5772	44.807	0
Wisconsin	35.1189	4.5564	32.0025	130.2368
West North Central	33.9363	4.4961	52.8594	69.8696
Iowa	.	4.4198	151.023	224.153
Kansas	.	.	0	.
Minnesota	33.9363	9.8842	59.6588	87.0182
Missouri	.	35.3035	287.7127	0
Nebraska	.	43.9399	0	.
North Dakota	.	27.5973	110.5075	107.693
South Atlantic	5.2445	5.8401	4.1913	8.4829
Delaware	.	.	0	.
Florida	.	32.8178	6.0848	29.4716
Georgia	125.1869	7.0329	10.2979	11.9845
Maryland	.	0	21.0699	0
North Carolina	281.8428	28.4066	31.83	49.9617
South Carolina	.	0	0	0
Virginia	158.1426	11.505	18.1529	16.4646
West Virginia	2.9246	1.1721	111.0877	.
East South Central	.	4.4701	5.6487	36.9456
Alabama	.	18.7688	6.2151	44.2976
Kentucky	.	.	21.3358	.
Mississippi	.	0	14.9757	0
Tennessee	.	1.8479	18.8298	129.3119
West South Central	.	2.943	0.7649	12.9746
Arkansas	.	0	12.0921	60.9082
Louisiana	.	0	1.0247	0
Oklahoma	.	27.2494	32.712	1645.4209
Texas	.	0	1.0217	22.4695
Mountain	.	10.9903	6.9363	68.9178
Arizona	.	33.8716	107.9312	66.6564
Colorado	.	.	71.5667	1838.2203
Idaho	.	32.0209	25.3674	.
Montana	.	0	688.7796	0
Nevada	.	.	18.945	.
New Mexico	.	.	88.3296	1633.3349
Utah	.	0	11.2977	.
Wyoming	.	20.0216	6.8802	570.2458
Pacific Contiguous	164.2624	0	2.3882	31.6087
California	213.3056	0	2.3939	65.3566
Oregon	.	.	43.7397	0
Washington	246.4407	0	0	35.3953
Pacific Noncontiguous	59.4167	93.943	58.2933	12.9317
Alaska	.	.	58.2933	13.8049
Hawaii	59.4167	93.943	.	16.2435
U.S. Total	6.6099	1.8922	0.7693	6.2692

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' then values under 0.5 are shown as '.').

Table A5.B Industrial Sector by Census Division and State, Year-to-Date (continued)

Census Region and State	All Fuels	Other Renewables	Other Energy Sources	Solar Thermal and Photovoltaic	Wind
New England	2.6875	0.9893	12.2454	.	.
Connecticut	18.2869	.	40.4424	.	.
Maine	2.3435	0.9843	0	.	.
Massachusetts	24.0477	.	.	.	.
New Hampshire	62.5684	0	.	.	.
Vermont	112.6272	.	.	.	.
Middle Atlantic	3.6476	3.7349	0	88.3105	68.6034
New Jersey	11.8984	216.051	0	216.051	.
New York	6.0955	2.7477	.	.	68.6034
Pennsylvania	4.5166	5.4196	.	96.7038	.
East North Central	2.0149	2.3009	1.9361	.	60.1567
Illinois	3.7678	0	0	.	.
Indiana	2.3854	36.6204	0	.	.
Michigan	7.4718	3.5472	0	.	.
Ohio	7.7121	4.3991	0	.	60.1567
Wisconsin	4.9085	3.8791	30.402	.	.
West North Central	4.0297	3.2074	62.1385	.	0
Iowa	4.5667	0	.	.	.
Kansas	0	0	.	.	0
Minnesota	7.0959	3.9665	62.1385	.	.
Missouri	33.5204	75.5915	.	.	.
Nebraska	43.9399	.	.	.	.
North Dakota	20.9331	48.4044	.	.	.
South Atlantic	1.1799	0.8925	1.7973	.	.
Delaware	0	.	.	.	.
Florida	2.5224	2.5327	1.6616	.	.
Georgia	2.0657	1.6014	3.806	.	.
Maryland	4.4093	0	.	.	.
North Carolina	5.5249	2.3654	0	.	.
South Carolina	0	0	0	.	.
Virginia	4.5603	2.3355	0	.	.
West Virginia	2.1886	.	0	.	.
East South Central	1.5799	1.215	52.2595	.	.
Alabama	2.4963	1.7265	0	.	.
Kentucky	10.3219	1.0612	.	.	.
Mississippi	3.2054	1.2167	56.6387	.	.
Tennessee	1.9246	3.8515	111.7771	.	.
West South Central	0.6826	1.535	4.8965	.	.
Arkansas	1.6961	1.2751	0	.	.
Louisiana	1.0216	2.5885	3.5367	.	.
Oklahoma	13.1989	7.9589	0	.	.
Texas	0.8823	3.7289	7.7562	.	.
Mountain	4.1922	1.5704	6.7998	51.8259	102.211
Arizona	32.0002	.	.	.	.
Colorado	22.7049	102.211	20.4091	.	102.211
Idaho	5.2292	0.5355	0	.	.
Montana	113.5172	.	.	.	.
Nevada	18.8016	51.8259	.	51.8259	.
New Mexico	88.2807	.	.	.	.
Utah	5.1458	.	0	.	.
Wyoming	5.3552	.	0	.	.
Pacific Contiguous	1.7676	2.5099	4.2087	230.6758	.
California	1.9282	5.8743	4.3553	230.6758	.
Oregon	9.9904	4.1583	0	.	.
Washington	2.5271	2.7067	0	.	.
Pacific Noncontiguous	14.1013	13.5054	.	.	.
Alaska	33.1523	60.2589	.	.	.
Hawaii	15.4185	13.7478	.	.	.
U.S. Total	0.544	0.7008	2.2711	71.8051	9.249

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*\*)

**Table A6.A Ultimate Customers by End-Use Sector, Census Division, and State, 06 2012**

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	2.32	1.97	1.78	1.11	1.23
Connecticut	0.51	0.19	2.44	0	0.39
Maine	0.63	0.16	0.9	0	0.34
Massachusetts	5.27	5.09	2.87	0	2.67
New Hampshire	0.82	0.18	2.66	0	0.59
Rhode Island	0	0	0	23.47	0.07
Vermont	3.38	0.73	4.26	0	1.67
Middle Atlantic	0.22	0.04	0.46	0	0.12
New Jersey	0.31	0.06	1.31	0	0.18
New York	0.34	0.05	1.76	0	0.2
Pennsylvania	0.42	0.08	0.34	0	0.19
East North Central	0.4	0.13	0.56	0	0.24
Illinois	0.6	0.16	0.73	0	0.31
Indiana	1.17	0.31	1.11	0	0.62
Michigan	0.61	0.32	1.37	0	0.47
Ohio	0.72	0.16	0.92	0	0.4
Wisconsin	1.13	0.59	2.49	0	0.93
West North Central	0.75	0.37	1.34	0	0.5
Iowa	1.86	1.23	2.87	0	1.38
Kansas	1.95	1.13	2.25	0	1.01
Minnesota	1.67	0.78	2.76	0	1.11
Missouri	1.19	0.25	2.51	0	0.72
Nebraska	1.96	1.36	3.21	0	1.46
North Dakota	2.78	1.38	6.89	0	2.84
South Dakota	3.32	2.06	5.4	0	1.94
South Atlantic	0.67	0.26	0.52	0	0.32
Delaware	1.43	0.32	3.77	0	1.03
District of Columbia	0	0	0	0	0
Florida	0.79	0.45	1.66	0	0.47
Georgia	1.75	0.73	1.21	0	0.83
Maryland	0.87	0.16	1.6	0	0.39
North Carolina	1.42	0.66	0.99	0	0.68
South Carolina	1.94	0.85	0.92	0	0.83
Virginia	1.35	0.42	1.41	0	0.6
West Virginia	0.37	0.1	0.24	0	0.16
East South Central	0.85	0.41	0.7	0	0.42
Alabama	1.73	1.03	0.81	0	0.77
Kentucky	1.52	0.39	1.23	0	0.74
Mississippi	2.54	1.41	1.58	0	1.19
Tennessee	1.16	0.4	1.81	0	0.72
West South Central	0.82	0.41	0.49	0.82	0.38
Arkansas	2.25	1.35	1.37	171.16	1.05
Louisiana	1.59	0.82	0.47	0	0.67
Oklahoma	1.79	0.91	1.58	0	0.9
Texas	0.87	0.43	0.64	0	0.42
Mountain	0.61	0.23	0.6	0	0.29
Arizona	0.57	0.31	1.19	0	0.35
Colorado	2.2	0.56	1.92	0	0.94
Idaho	1.68	0.9	1.11	0	0.75
Montana	3.09	1.52	4.44	0	1.82
Nevada	0.61	0.35	0.33	0	0.28
New Mexico	3	0.84	2.58	0	1.22
Utah	2.38	0.65	0.81	0	0.83
Wyoming	3.06	1.19	1.58	0	1.09
Pacific Contiguous	0.53	0.19	1.21	0	0.34
California	0.57	0.16	0.9	0	0.26
Oregon	1.74	0.82	4.15	0	1.4
Washington	1.35	0.76	2.84	0	1.09
Pacific Noncontiguous	1.41	1.1	1.88	0	0.85
Alaska	3.53	2.46	7.5	0	2.29
Hawaii	0	0	0	0	0
U.S. Total	0.35	0.14	0.32	0.08	0.16

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

**Table A6.B Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date**

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0.43	0.53	0.43	0.17	0.28
Connecticut	0.18	0.09	0.78	0	0.13
Maine	0.25	0.09	0.29	0	0.13
Massachusetts	0.98	1.35	0.68	0	0.6
New Hampshire	0.27	0.09	0.79	0	0.18
Rhode Island	0	0	0	3.65	0.01
Vermont	1.12	0.36	1.26	0	0.55
Middle Atlantic	0.09	0.02	0.38	2.45	0.09
New Jersey	0.14	0.03	1.13	0	0.14
New York	0.13	0.03	0.62	3.46	0.1
Pennsylvania	0.15	0.05	0.47	0	0.17
East North Central	0.18	0.06	0.16	1.89	0.08
Illinois	0.28	0.08	0.22	2.3	0.12
Indiana	0.48	0.17	0.32	0	0.22
Michigan	0.3	0.15	0.4	0	0.17
Ohio	0.29	0.08	0.27	0	0.14
Wisconsin	0.54	0.26	0.73	0	0.32
West North Central	0.33	0.16	0.41	0	0.18
Iowa	0.88	0.55	0.84	0	0.47
Kansas	0.86	0.48	0.91	0	0.42
Minnesota	0.73	0.34	0.8	0	0.38
Missouri	0.52	0.14	0.76	0	0.27
Nebraska	0.92	0.6	1.12	0	0.54
North Dakota	0.87	0.52	2.06	0	0.77
South Dakota	1.26	0.86	1.56	0	0.69
South Atlantic	0.24	0.11	0.21	0.93	0.12
Delaware	0.57	0.18	1.1	0	0.36
District of Columbia	0	0	0	0	0
Florida	0.31	0.19	0.68	0	0.18
Georgia	0.66	0.3	0.48	0	0.31
Maryland	0.33	0.09	1.65	0	0.2
North Carolina	0.5	0.28	0.4	0	0.25
South Carolina	0.71	0.35	0.36	0	0.3
Virginia	0.44	0.17	0.58	0	0.21
West Virginia	0.12	0.05	0.07	311.16	0.07
East South Central	0.33	0.18	0.21	0	0.15
Alabama	0.67	0.43	0.31	0	0.28
Kentucky	0.61	0.21	0.31	0	0.24
Mississippi	0.99	0.59	0.62	0	0.45
Tennessee	0.46	0.22	0.55	0	0.26
West South Central	0.34	0.17	0.2	0.26	0.15
Arkansas	0.84	0.58	0.57	54.73	0.4
Louisiana	0.65	0.35	0.19	0	0.26
Oklahoma	0.74	0.38	0.65	0	0.36
Texas	0.37	0.18	0.27	0	0.17
Mountain	0.23	0.1	0.21	0	0.11
Arizona	0.26	0.13	0.41	0	0.14
Colorado	0.72	0.23	0.69	0	0.33
Idaho	0.58	0.37	0.49	0	0.3
Montana	1.07	0.61	1.28	0	0.58
Nevada	0.27	0.15	0.12	0	0.11
New Mexico	1.01	0.36	0.93	0	0.44
Utah	0.81	0.26	0.27	0	0.28
Wyoming	1.06	0.48	0.46	0	0.34
Pacific Contiguous	0.18	0.08	0.38	0.14	0.11
California	0.17	0.07	0.33	0	0.09
Oregon	0.57	0.33	1.24	0	0.41
Washington	0.42	0.3	0.82	17.29	0.31
Pacific Noncontiguous	0.53	0.41	0.52	0	0.28
Alaska	1.19	0.87	1.9	0	0.69
Hawaii	0	0	0	0	0
U.S. Total	0.13	0.06	0.1	1.29	0.06

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "\*")

**Table A7.A Ultimate Customers by End-Use Sector, Census Division, and State, 06 2012**

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	2.64	1.62	1.74	0.78	1.31
Connecticut	0.34	0.26	2.25	0	0.33
Maine	0.62	0.34	1.72	0	0.41
Massachusetts	6.02	3.53	2.7	0	2.72
New Hampshire	0.5	0.29	2.37	0	0.45
Rhode Island	0	0	0	8.23	0.03
Vermont	2.03	1.02	4.61	0	1.29
Middle Atlantic	0.12	0.04	0.57	0	0.08
New Jersey	0.22	0.1	1.36	0	0.15
New York	0.12	0.04	1.01	0	0.08
Pennsylvania	0.3	0.12	0.75	0	0.18
East North Central	0.32	0.17	0.77	0	0.22
Illinois	0.49	0.26	1.82	0	0.33
Indiana	0.96	0.53	1.35	0	0.61
Michigan	0.54	0.31	1.22	0	0.36
Ohio	0.52	0.27	1.5	0	0.4
Wisconsin	1.05	0.6	2.28	0	0.73
West North Central	0.71	0.41	1.5	0	0.47
Iowa	1.89	1.42	3.35	0	1.32
Kansas	1.98	1.1	3.47	0	1.16
Minnesota	1.64	0.86	2.8	0	1.01
Missouri	0.83	0.41	2.77	0	0.59
Nebraska	1.95	1.51	3.34	0	1.36
North Dakota	2.72	1.4	6.24	0	2.23
South Dakota	3.44	2.16	5.72	0	2.01
South Atlantic	0.68	0.29	0.94	0	0.38
Delaware	1.06	0.65	5.29	0	1
District of Columbia	0	0	0	0	0
Florida	0.83	0.46	2.65	0	0.53
Georgia	1.62	0.7	2.06	0	0.91
Maryland	0.67	0.3	2.01	0	0.37
North Carolina	1.53	0.71	1.76	0	0.85
South Carolina	1.86	0.82	1.72	0	1.01
Virginia	1.35	0.61	2.41	0	0.75
West Virginia	0.37	0.22	0.36	0	0.2
East South Central	0.83	0.45	0.92	0	0.46
Alabama	1.7	0.9	1.33	0	0.88
Kentucky	1.31	0.7	1.6	0	0.77
Mississippi	2.77	1.46	2.8	0	1.5
Tennessee	0.91	0.64	1.89	0	0.63
West South Central	0.87	0.47	1.08	0.67	0.5
Arkansas	2.41	1.44	2.41	117.8	1.36
Louisiana	1.9	0.93	1.25	0	0.98
Oklahoma	2.04	1.08	3.2	0	1.22
Texas	0.89	0.48	1.34	0	0.53
Mountain	0.67	0.33	0.66	0	0.35
Arizona	0.66	0.42	1.28	0	0.41
Colorado	2.36	0.86	2.15	0	1.12
Idaho	1.91	1.08	0.97	0	0.8
Montana	3.24	1.58	5.97	0	1.87
Nevada	0.64	0.61	0.31	0	0.35
New Mexico	3.46	1.27	3.27	0	1.56
Utah	2.59	1.03	0.94	0	1.09
Wyoming	3.54	1.43	1.79	0	1.22
Pacific Contiguous	0.47	0.18	0.9	0	0.23
California	0.52	0.18	0.78	0	0.23
Oregon	1.66	0.84	4.13	0	1.12
Washington	1.33	0.78	3.44	0	0.93
Pacific Noncontiguous	1	0.96	0.73	0	0.53
Alaska	4.34	3.9	5.27	0	2.54
Hawaii	0	0	0	0	0
U.S. Total	0.34	0.15	0.42	0.03	0.18

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

**Table A7.B Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date**

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0.45	0.32	0.45	0.11	0.25
Connecticut	0.17	0.16	0.86	0	0.14
Maine	0.3	0.2	0.56	0	0.18
Massachusetts	1.08	0.77	0.67	0	0.52
New Hampshire	0.23	0.18	0.75	0	0.17
Rhode Island	0	0	0	1.19	0
Vermont	0.95	0.62	1.48	0	0.56
Middle Atlantic	0.07	0.03	0.52	2.21	0.06
New Jersey	0.14	0.07	1.08	0	0.11
New York	0.07	0.03	0.38	2.61	0.07
Pennsylvania	0.15	0.07	0.97	3.83	0.15
East North Central	0.18	0.09	0.25	0.35	0.1
Illinois	0.29	0.15	0.55	0.43	0.16
Indiana	0.55	0.34	0.42	0	0.28
Michigan	0.26	0.14	0.45	0	0.15
Ohio	0.3	0.17	0.48	0	0.18
Wisconsin	0.49	0.26	0.82	0	0.3
West North Central	0.37	0.22	0.57	0	0.22
Iowa	0.92	0.68	1.24	0	0.57
Kansas	0.96	0.71	1.21	0	0.54
Minnesota	0.74	0.39	1.01	0	0.42
Missouri	0.59	0.32	1.09	0	0.35
Nebraska	0.99	0.69	1.42	0	0.61
North Dakota	0.99	0.57	2.28	0	0.78
South Dakota	1.35	0.9	2	0	0.79
South Atlantic	0.27	0.17	0.32	0.95	0.15
Delaware	0.6	0.44	1.74	0	0.44
District of Columbia	0.01	0	0	0	0
Florida	0.34	0.27	0.9	0	0.22
Georgia	0.69	0.42	0.74	0	0.38
Maryland	0.37	0.2	1.5	0	0.22
North Carolina	0.56	0.43	0.6	0	0.33
South Carolina	0.74	0.51	0.57	0	0.4
Virginia	0.48	0.3	0.86	0	0.28
West Virginia	0.17	0.13	0.1	264.95	0.09
East South Central	0.37	0.28	0.31	0	0.2
Alabama	0.69	0.55	0.49	0	0.37
Kentucky	0.75	0.46	0.46	0	0.35
Mississippi	1.1	0.87	1	0	0.61
Tennessee	0.52	0.43	0.69	0	0.32
West South Central	0.38	0.28	0.36	0.32	0.21
Arkansas	0.99	0.92	0.9	56.72	0.57
Louisiana	0.79	0.53	0.37	0	0.38
Oklahoma	0.88	0.68	1.08	0	0.52
Texas	0.39	0.29	0.45	0	0.23
Mountain	0.28	0.15	0.28	0	0.14
Arizona	0.33	0.2	0.51	0	0.19
Colorado	0.87	0.39	0.83	0	0.43
Idaho	0.69	0.45	0.6	0	0.37
Montana	1.14	0.61	2.07	0	0.66
Nevada	0.29	0.25	0.14	0	0.15
New Mexico	1.32	0.6	1.29	0	0.62
Utah	0.99	0.46	0.38	0	0.42
Wyoming	1.25	0.57	0.63	0	0.45
Pacific Contiguous	0.16	0.08	0.36	0.09	0.09
California	0.17	0.09	0.33	0	0.09
Oregon	0.53	0.33	1.57	0	0.39
Washington	0.42	0.29	1.15	10.32	0.3
Pacific Noncontiguous	0.38	0.36	0.25	0	0.19
Alaska	1.36	1.29	1.48	0	0.8
Hawaii	0	0	0	0	0
U.S. Total	0.13	0.08	0.15	1.43	0.07

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "\*")



Table A8.A Ultimate Customers by End-Use Sector, Census Division, and State, 06 2012

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	1.22	1.18	0.71	0.79	0.71
Connecticut	0.34	0.17	2.04	0	0.3
Maine	0.44	0.25	1.02	0	0.25
Massachusetts	2.77	3.09	1.04	0	1.49
New Hampshire	0.55	0.2	1.26	0	0.33
Rhode Island	0	0	0	18.67	0.06
Vermont	2.28	0.68	2.2	0	1
Middle Atlantic	0.16	0.03	0.31	0	0.08
New Jersey	0.2	0.07	0.66	0	0.11
New York	0.26	0.03	1.01	0	0.15
Pennsylvania	0.27	0.08	0.48	0	0.12
East North Central	0.25	0.11	0.38	0	0.13
Illinois	0.41	0.18	1.22	0	0.21
Indiana	0.77	0.36	0.65	0	0.37
Michigan	0.23	0.2	0.58	0	0.23
Ohio	0.48	0.18	0.82	0	0.24
Wisconsin	0.43	0.38	1.06	0	0.46
West North Central	0.37	0.29	0.77	0	0.28
Iowa	0.73	0.89	1.46	0	0.7
Kansas	0.83	1.01	3.42	0	0.85
Minnesota	0.64	0.54	1.22	0	0.54
Missouri	0.78	0.28	1.33	0	0.43
Nebraska	0.76	0.96	1.54	0	0.71
North Dakota	1.07	0.94	2.92	0	1.33
South Dakota	1.3	1.41	2.58	0	0.99
South Atlantic	0.29	0.26	0.9	0	0.21
Delaware	0.94	0.46	2.66	0	0.58
District of Columbia	0	0	0	0	0
Florida	0.34	0.42	2.58	0	0.3
Georgia	0.71	0.65	1.99	0	0.52
Maryland	0.57	0.21	0.98	0	0.26
North Carolina	0.62	0.63	1.69	0	0.48
South Carolina	0.79	0.76	1.64	0	0.59
Virginia	0.74	0.62	2.44	0	0.53
West Virginia	0.26	0.16	0.18	0	0.12
East South Central	0.46	0.38	0.65	0	0.29
Alabama	0.72	0.89	1.29	0	0.54
Kentucky	1.01	0.49	0.79	0	0.47
Mississippi	1.12	1.31	2.69	0	0.96
Tennessee	0.76	0.43	0.91	0	0.43
West South Central	0.36	0.4	1.02	0.73	0.3
Arkansas	0.99	1.27	2.32	147.14	0.89
Louisiana	0.8	0.81	1.17	0	0.56
Oklahoma	0.83	0.92	3.03	0	0.79
Texas	0.37	0.42	1.26	0	0.32
Mountain	0.24	0.29	0.36	0	0.19
Arizona	0.23	0.39	0.74	0	0.22
Colorado	0.83	0.77	1.24	0	0.57
Idaho	0.74	0.67	0.48	0	0.4
Montana	1.27	1.04	2.82	0	0.95
Nevada	0.22	0.54	0.19	0	0.19
New Mexico	1.23	1.16	1.88	0	0.88
Utah	0.91	0.92	0.53	0	0.54
Wyoming	1.38	0.9	0.77	0	0.6
Pacific Contiguous	0.25	0.18	0.69	0	0.22
California	0.26	0.19	0.56	0	0.17
Oregon	0.67	0.54	1.83	0	0.7
Washington	0.54	0.51	1.54	0	0.55
Pacific Noncontiguous	0.8	0.64	1.28	0	0.53
Alaska	2.39	2.37	3.8	0	1.56
Hawaii	0	0	0	0	0
U.S. Total	0.16	0.12	0.3	0.06	0.1

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 then values under 0.5 are shown as \*.)

**Table A8.B Ultimate Customers by End-Use Sector, Census Division, and State, Year-to-Date**

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0.23	0.38	0.3	0.12	0.18
Connecticut	0.13	0.14	0.79	0	0.13
Maine	0.23	0.17	0.44	0	0.14
Massachusetts	0.52	0.97	0.46	0	0.39
New Hampshire	0.17	0.15	0.41	0	0.12
Rhode Island	0	0	0	2.94	0.01
Vermont	0.7	0.53	0.84	0	0.39
Middle Atlantic	0.06	0.03	0.37	0	0.05
New Jersey	0.1	0.06	0.61	0	0.08
New York	0.09	0.03	0.31	0	0.06
Pennsylvania	0.1	0.05	0.83	3.83	0.09
East North Central	0.11	0.07	0.17	1.37	0.06
Illinois	0.19	0.12	0.48	1.63	0.11
Indiana	0.35	0.29	0.24	0	0.18
Michigan	0.11	0.08	0.27	0	0.09
Ohio	0.2	0.14	0.34	0	0.12
Wisconsin	0.21	0.15	0.49	0	0.18
West North Central	0.17	0.16	0.35	0	0.13
Iowa	0.35	0.39	0.76	0	0.31
Kansas	0.5	0.57	0.96	0	0.38
Minnesota	0.28	0.22	0.6	0	0.22
Missouri	0.37	0.28	0.64	0	0.23
Nebraska	0.38	0.4	0.86	0	0.33
North Dakota	0.38	0.34	1.37	0	0.47
South Dakota	0.5	0.54	1.21	0	0.39
South Atlantic	0.14	0.14	0.25	0.36	0.09
Delaware	0.39	0.38	1.19	0	0.29
District of Columbia	0.01	0	0	0	0
Florida	0.18	0.22	0.71	0	0.14
Georgia	0.36	0.34	0.58	0	0.23
Maryland	0.25	0.17	1.09	0	0.17
North Carolina	0.29	0.35	0.47	0	0.21
South Carolina	0.39	0.41	0.44	0	0.25
Virginia	0.27	0.25	0.73	0	0.19
West Virginia	0.11	0.12	0.06	46.55	0.06
East South Central	0.21	0.23	0.21	0	0.13
Alabama	0.37	0.45	0.38	0	0.23
Kentucky	0.47	0.4	0.27	0	0.23
Mississippi	0.57	0.71	0.78	0	0.39
Tennessee	0.33	0.37	0.4	0	0.21
West South Central	0.2	0.23	0.28	0.24	0.13
Arkansas	0.51	0.74	0.71	45.49	0.38
Louisiana	0.41	0.43	0.29	0	0.24
Oklahoma	0.45	0.55	0.84	0	0.34
Texas	0.2	0.24	0.35	0	0.14
Mountain	0.11	0.11	0.2	0	0.08
Arizona	0.12	0.16	0.39	0	0.11
Colorado	0.32	0.3	0.63	0	0.25
Idaho	0.27	0.26	0.36	0	0.19
Montana	0.45	0.38	1.32	0	0.35
Nevada	0.1	0.2	0.11	0	0.09
New Mexico	0.51	0.47	0.97	0	0.39
Utah	0.36	0.36	0.28	0	0.23
Wyoming	0.49	0.33	0.38	0	0.25
Pacific Contiguous	0.09	0.07	0.28	0.07	0.07
California	0.08	0.07	0.28	0	0.06
Oregon	0.22	0.19	1.07	0	0.24
Washington	0.17	0.18	0.71	8.54	0.17
Pacific Noncontiguous	0.29	0.24	0.36	0	0.17
Alaska	0.74	0.77	1.16	0	0.48
Hawaii	0	0	0	0	0
U.S. Total	0.07	0.06	0.11	0.2	0.04

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" then values under 0.5 are shown as "\*")

**Table B.1 Major Disturbances and Unusual Occurrences, Year-to-Date 2012**

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2012	1	01/09/2012 1:36 PM	01/11/2012 1:05 AM	35 Hours, 29 Minutes	The Dow Chemical Company	SERC	Louisiana	Load Shed	150	1
2012	1	01/10/2012 9:30 PM	01/10/2012 9:30 PM	0 Hours, 0 Minutes	Luminant Energy Company LLC	TRE	Rusk County, Texas	Load Shed	N/A	N/A
2012	1	01/19/2012 7:00 AM	01/20/2012 3:00 PM	32 Hours, 0 Minutes	Puget Sound Energy	WECC	King, Pierce and Thurston Counties, Washington	Severe Weather - Winter Storm	1600	426000
2012	2	02/19/2012 5:00 PM	02/21/2012 7:33 AM	38 Hours, 33 Minutes	American Electric Power	SERC	Kentucky, Virginia, West Virginia	Severe Weather - Winter Storm	UNK	90000
2012	2	02/28/2012 2:59 AM	02/28/2012 6:12 AM	3 Hours, 13 Minutes	Pacific Gas and Electric	WECC	Sacramento, California	Electrical System Separation (Islanding)	1	1
2012	3	03/02/2012 12:37 PM	03/05/2012 12:01 PM	71 Hours, 24 Minutes	Tennessee Valley Authority (TVA)	SERC	Northern Alabama; Southeast Tennessee	Severe Weather - Tornadoes	500	UNK
2012	3	03/02/2012 1:45 PM	03/02/2012 3:30 PM	1 Hours, 45 Minutes	City of Piggott, Arkansas	SERC	Piggott, Arkansas	Operational Failure/Equipment Malfunction	N/A	N/A
2012	3	03/02/2012 9:00 PM	03/04/2012 5:30 PM	44 Hours, 30 Minutes	Consumers Energy	RFC	Lower Peninsula, Michigan	Severe Weather - Winter Storm	50	140000
2012	3	03/02/2012 9:00 PM	03/05/2012 4:30 PM	67 Hours, 30 Minutes	Detroit Edison, Subsidiary of DTE Energy	RFC	Southeastern, Michigan	Severe Weather - Winter Storm	371	130000
2012	3	03/20/2012 8:00 AM	03/20/2012 1:00 PM	5 Hours, 0 Minutes	CenterPoint Energy	TRE	Houston, Texas	Severe Weather - Thunderstorms	N/A	96000
2012	3	03/29/2012 12:01 PM	03/29/2012 12:02 PM	0 Hours, 1 Minutes	Lansing Board of Water & Light	RFC	Lansing, Michigan	Electrical System Separation (Islanding)	UNK	0
2012	4	04/16/2012 3:46 PM	04/19/2012 2:00 AM	58 Hours, 14 Minutes	Detroit Edison, Subsidiary of DTE Energy	RFC	Southeast, Michigan	Severe Weather - High Winds	218	111393
2012	4	04/20/2012 2:27 PM	04/21/2012 4:27 AM	14 Hours, 0 Minutes	CenterPoint Energy	TRE	Metropolitan Houston, Texas	Severe Weather - Thunderstorms	N/A	120377
2012	5	05/07/2012 5:45 PM	05/07/2012 6:06 PM	0 Hours, 21 Minutes	American Electric Power (AEP)	RFC	Eastern Ohio	Load Shed/Severe Weather - Lightning Storm	420	1
2012	5	05/29/2012 8:35 PM	05/31/2012 10:00 AM	37 Hours, 25 Minutes	Oklahoma Gas & Electric	SPP	Oklahoma City Metro Area, Oklahoma	Severe Weather - Thunderstorms	UNK	112000
2012	6	06/08/2012 5:20 PM	06/08/2012 5:25 PM	0 Hours, 5 Minutes	Public Service Company of Colorado	WECC	Denver Metro Area, Colorado	Load Shed	120	30379
2012	6	06/11/2012 7:50 PM	06/12/2012 3:00 PM	19 Hours, 10 Minutes	Southern Company	SERC	North/Central Alabama; North/Central Georgia	Severe Weather - Thunderstorms	368	110591
2012	6	06/12/2012 3:57 PM	06/14/2012 4:57 AM	37 Hours, 0 Minutes	CenterPoint Energy	TRE	Houston, Texas	Severe Weather - Thunderstorms	920	175000
2012	6	06/19/2012 4:30 AM	06/20/2012 11:00 PM	42 Hours, 30 Minutes	Xcel Energy	MRO	Minneapolis/St. Paul, Minnesota	Severe Weather - Thunderstorms	UNK	68200
2012	6	06/19/2012 5:30 AM	06/21/2012 5:30 AM	48 Hours, 0 Minutes	California Department of Water Resources	WECC	CAISO Territory California	Fuel Supply Deficiency (Water)	UNK	UNK
2012	6	06/23/2012 6:57 PM	06/23/2012 7:28 PM	0 Hours, 31 Minutes	ISO New England	NPCC	North Shore, Massachusetts	Load Shed	51	29250
2012	6	06/25/2012 4:04 PM	06/26/2012 1:45 PM	21 Hours, 41 Minutes	Dominion	SERC	Central Virginia	Severe Weather - Wind & Rain	600	190000
2012	6	06/29/2012 12:10 PM	06/29/2012 5:02 PM	4 Hours, 52 Minutes	Puerto Rico Electric Power Authority (PREPA)	N/A	Puerto Rico	Equipment Trip & Failure	1800	900000
2012	6	06/29/2012 2:10 PM	07/04/2012 6:00 PM	123 Hours, 50 Minutes	Dayton Power & Light	RFC	Dayton, Ohio	Severe Weather - Thunderstorms	500	175000
2012	6	06/29/2012 4:00 PM	06/29/2012 9:00 PM	5 Hours, 0 Minutes	Entergy	SERC	Eastern, Arkansas	Public Appeal to Reduce Electricity Usage	45	7935
2012	6	06/29/2012 4:00 PM	07/02/2012 4:00 PM	72 Hours, 0 Minutes	American Electric Power (AEP)	RFC	Indiana; Michigan; Ohio; West Virginia	Severe Weather - Thunderstorms	UNK	1355919
2012	6	06/29/2012 5:15 PM	07/02/2012 11:59 PM	78 Hours, 44 Minutes	Duke Energy Midwest	RFC	Eastern Indiana; Northern Kentucky; Greater Cincinnati area Ohio	Severe Weather - Thunderstorms	2946	4645572
2012	6	06/29/2012 6:24 PM	07/06/2012 10:00 AM	159 Hours, 36 Minutes	FirstEnergy (Mon Power)	RFC	West Virginia	Severe Weather - Thunderstorms	700	265000
2012	6	06/29/2012 7:00 PM	07/07/2012 7:43 PM	192 Hours, 43 Minutes	FirstEnergy (Potomac Edison)	RFC	Maryland; West Virginia	Severe Weather - Thunderstorms	UNK	145000
2012	6	06/29/2012 10:15 PM	07/02/2012 1:10 PM	62 Hours, 55 Minutes	Pepco	RFC	Montgomery and Prince Georges Counties, Maryland; District of Columbia	Severe Weather - Thunderstorms	3000	425000
2012	6	06/29/2012 10:29 PM	07/04/2012 3:36 PM	113 Hours, 7 Minutes	Dominion	SERC	Virginia	Severe Weather - Thunderstorms	5000	880000
2012	6	06/29/2012 10:43 PM	07/02/2012 10:01 PM	71 Hours, 18 Minutes	Baltimore Gas & Electric Company (BGE)	RFC	Greater Baltimore area, Maryland	Severe Weather - Thunderstorms	1465	600000
2012	6	06/29/2012 11:30 PM	06/30/2012 2:00 AM	2 Hours, 30 Minutes	Exelon Corporation/ComEd	RFC	Northeast Illinois	Severe Weather - Thunderstorms	UNK	109000
2012	6	06/30/2012 1:00 AM	07/03/2012 1:00 AM	72 Hours, 0 Minutes	Delmarva Power & Light Company	RFC	Delaware; Maryland	Severe Weather - Thunderstorms	0	86390
2012	6	06/30/2012 1:15 AM	07/07/2012 5:33 PM	184 Hours, 18 Minutes	Atlantic City Electric	RFC	Atlantic City Electric Service Territory New Jersey	Severe Weather - Thunderstorms	UNK	205000
2012	6	06/30/2012 3:00 PM	07/02/2012 12:00 PM	45 Hours, 0 Minutes	Tennessee Valley Authority (TVA)	SERC	Northeast Tennessee	Public Appeal to Reduce Electricity Usage	UNK	UNK
2012	6	06/30/2012 10:30 PM	07/02/2012 8:11 AM	33 Hours, 41 Minutes	Southern Maryland Electric Cooperative, Inc.	RFC	Calvert, Charles, St. Mary's, Prince Georges Counties Maryland	Severe Weather - Thunderstorms	354	60000

Note: Customers affected are estimates and are preliminary.  
Source: Form OE-417, 'Electric Emergency Incident and Disturbance Report.'

Table B.2 Major Disturbances and Unusual Occurrences, 2011

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2011	1	01/12/2011 6:00 AM	01/12/2011 2:00 PM	8 Hours, 0 Minutes	National Grid	NPCC	Massachusetts	Winter Storm	N/A	80000
2011	1	01/13/2011 7:21 AM	01/13/2011 8:13 AM	0 Hours, 52 Minutes	JEA	FRCC	North Florida	Firm System Load Shed	150	20900
2011	1	01/26/2011 5:00 PM	01/31/2011 8:00 AM	111 Hours, 0 Minutes	Potomac Electric Power Co/ PEPSCO Holdings Inc.	RFC	Montgomery and Prince George's County, Maryland and District of Columbia	Winter Storm	N/A	210000
2011	1	01/26/2011 6:28 PM	01/29/2011 5:00 PM	70 Hours, 32 Minutes	Baltimore Gas and Electric Company	RFC	Maryland	Winter Storm	N/A	234326
2011	1	01/26/2011 7:43 PM	01/27/2011 6:18 PM	22 Hours, 35 Minutes	Dominion - Virginia Power	SERC	Northern Virginia	Winter Storm	600	150084
2011	1	01/27/2011 9:30 AM	01/27/2011 9:30 AM	0 Hours, 0 Minutes	Delmarva Power & Light Company	RFC	Hockessin, Delaware	Vandalism	0	0
2011	1	01/27/2011 5:00 PM	01/30/2011 5:00 AM	60 Hours, 0 Minutes	AES Greenidge, LLC	NPCC	Central New York	Fuel Supply Deficiency (Coal)	108	N/A
2011	1	01/31/2011 10:00 PM	02/03/2011 12:00 PM	62 Hours, 0 Minutes	Duke Energy Midwest	RFC	Southwestern Ohio and Indiana	Ice Storm	996	272880
2011	2	02/01/2011 3:00 PM	02/03/2011 12:00 PM	45 Hours, 0 Minutes	American Electric Power - Ohio	RFC	Indiana, Ohio	Winter Storm	UNK	158013
2011	2	02/01/2011 9:00 PM	02/02/2011 2:00 PM	17 Hours, 0 Minutes	Exelon Corp./ComEd - Commonwealth Edison	RFC	Northern Illinois	Winter Storm	UNK	190000
2011	2	02/02/2011 3:00 AM	02/04/2011 11:59 PM	68 Hours, 59 Minutes	Exelon Corporation/PECO	RFC	Philadelphia area, Pennsylvania	Winter Storm	UNK	213000
2011	2	02/02/2011 5:43 AM	02/03/2011 10:00 AM	28 Hours, 17 Minutes	ERCOT ISO	TRE	Texas	Generation Inadequacy/Load Shed	4000	1069730
2011	2	02/02/2011 6:22 AM	02/02/2011 9:57 AM	3 Hours, 35 Minutes	Salt River Project	WECC	Central Arizona	Generation Inadequacy/Load Shed	3963	69000
2011	2	02/02/2011 7:24 AM	02/02/2011 10:23 PM	14 Hours, 59 Minutes	El Paso Electric Company	WECC	Dona Ana and El Paso Counties, Texas and Hudspeth County, New Mexico	Generation Inadequacy/Load Shed	280	178000
2011	2	02/02/2011 5:00 PM	02/03/2011 10:00 PM	29 Hours, 0 Minutes	Southwestern Public Service	SPP	Texas Panhandle, Southeastern New Mexico	Fuel Supply Deficiency (Natural Gas)	UNK	UNK
2011	2	02/03/2011 3:00 PM	02/04/2011 12:00 PM	21 Hours, 0 Minutes	San Diego Gas and Electric Company	WECC	San Diego area, California	Fuel Supply Deficiency (Natural Gas)	N/A	UNK
2011	2	02/03/2011 10:04 PM	02/04/2011 12:32 PM	14 Hours, 28 Minutes	ERCOT ISO	TRE	Texas	Generation Inadequacy/Load Shed	400	86013
2011	2	02/09/2011 3:45 AM	02/09/2011 9:12 AM	5 Hours, 27 Minutes	CenterPoint Energy	TRE	Western Houston, Texas	Winter Storm	399	60000
2011	2	02/09/2011 4:30 PM	02/10/2011 12:33 PM	20 Hours, 3 Minutes	ERCOT ISO	TRE	Texas	Cold Weather Event	N/A	N/A
2011	2	02/17/2011 1:25 AM	02/19/2011 10:13 AM	56 Hours, 48 Minutes	Pacific Gas and Electric	WECC	Northern and Central California	Major Storm	91	80000
2011	2	02/19/2011 12:30 PM	02/20/2011 4:00 AM	15 Hours, 30 Minutes	Exelon Corporation/PECO	RFC	Philadelphia area, Pennsylvania	Major Storm	UNK	118000
2011	2	02/20/2011 4:00 PM	02/23/2011 4:00 PM	72 Hours, 0 Minutes	Consumers Energy	RFC	Southern Lower Peninsula, Michigan	Winter Storm	262	160000
2011	2	02/24/2011 4:51 PM	02/24/2011 4:54 PM	0 Hours, 3 Minutes	American Electric Power (CSWS-SPP)	SPP	Arkansas	Electrical System Separation (Islanding)	4	UNK
2011	2	02/25/2011 8:00 AM	02/28/2011 5:30 PM	81 Hours, 30 Minutes	Pacific Gas and Electric	WECC	Northern and Central California	Winter Storm	91	80000
2011	2	02/25/2011 3:20 PM	02/25/2011 6:00 PM	2 Hours, 40 Minutes	Dominion - Virginia Power	SERC	Virginia	Severe Weather	UNK	50000
2011	2	02/25/2011 3:23 PM	02/27/2011 6:00 PM	50 Hours, 37 Minutes	Baltimore Gas & Electric	RFC	Maryland	Severe Weather	UNK	93000
2011	3	03/01/2011 8:00 AM	03/05/2011 9:30 AM	97 Hours, 30 Minutes	AES Somerset	NPCC	Western New York	Fuel Supply Deficiency (Coal)	675	UNK
2011	3	03/08/2011 8:00 AM	03/18/2011 9:00 AM	-87,407 Hours, 0 Minutes	AES Somerset	NPCC	Western New York	Fuel Supply Deficiency (Coal)	676	UNK
2011	3	03/11/2011 7:02 AM	03/11/2011 9:15 AM	2 Hours, 13 Minutes	Pacific Gas and Electric	WECC	Humboldt and Eureka, California	Generation Inadequacy/Load Shed	15	6800
2011	3	03/13/2011 2:20 PM	03/14/2011 3:46 PM	25 Hours, 26 Minutes	PacifiCorp	WECC	Oregon	Severe Weather	UNK	9000
2011	3	03/19/2011 11:56 PM	03/24/2011 7:10 PM	115 Hours, 14 Minutes	Pacific Gas and Electric	WECC	Northern and Central California	Major Storm	91	128000
2011	3	03/20/2011 9:44 AM	03/21/2011 10:00 AM	24 Hours, 16 Minutes	Los Angeles Department of Water and Power	WECC	Los Angeles, California	Major Storm	UNK	79000
2011	3	03/21/2011 12:35 PM	03/21/2011 2:45 PM	2 Hours, 10 Minutes	Southern California Edison Company (SCE)	WECC	Southern California	Major Storm	150	54332
2011	3	03/23/2011 6:30 PM	03/24/2011 4:55 AM	10 Hours, 25 Minutes	American Electric Power - AEP	RFC	Indiana, Kentucky, Michigan, Ohio, Tennessee, Virginia, West Virginia	Major Storm	UNK	60596
2011	3	03/27/2011 1:27 PM	03/27/2011 5:00 PM	3 Hours, 33 Minutes	Pacific Gas and Electric	WECC	Sonoma and Central Valley, California	Transmission Level Outage	295	165000
2011	3	03/31/2011 11:30 AM	03/31/2011 8:30 PM	9 Hours, 0 Minutes	Tampa Electric Company	FRCC	Greater Tampa Bay, Florida	Severe Weather	206	87000
2011	3	03/31/2011 2:30 PM	04/01/2011 11:59 PM	33 Hours, 29 Minutes	Progress Energy Florida (PEF)	FRCC	Central and Western Florida	Severe Weather	UNK	50000
2011	4	04/04/2011 11:47 AM	04/08/2011 12:01 AM	84 Hours, 14 Minutes	Tennessee Valley Authority	SERC	Memphis, Tennessee	Severe Weather	359	63000
2011	4	04/04/2011 1:00 PM	04/05/2011 12:00 AM	11 Hours, 0 Minutes	Memphis Light Gas and Water Division	SERC	Shelby County, Tennessee	Severe Weather	300	63000
2011	4	04/04/2011 2:00 PM	04/08/2011 12:01 AM	82 Hours, 1 Minutes	Tennessee Valley Authority	SERC	Davidson Count, Tennessee	Severe Weather	300	73000
2011	4	04/04/2011 7:00 PM	04/05/2011 12:00 PM	17 Hours, 0 Minutes	American Electric Power (AEP)	RFC	Kentucky, West Virginia	Severe Weather	UNK	52920
2011	4	04/04/2011 7:00 PM	04/05/2011 8:00 PM	25 Hours, 0 Minutes	Entergy Corporation	SERC	Southeast Arkansas, Southeast Louisiana, Western Mississippi, Eastern Texas	Severe Weather	UNK	74645
2011	4	04/04/2011 9:00 PM	04/05/2011 11:30 PM	26 Hours, 30 Minutes	Southern Company	SERC	Alabama, Florida, Georgia, Mississippi	Severe Weather	674	303434
2011	4	04/05/2011 2:00 AM	04/07/2011 11:00 PM	69 Hours, 0 Minutes	Duke Energy Carolinas	SERC	North Carolina, South Carolina	Severe Weather	1200	256000
2011	4	04/16/2011 2:16 PM	04/17/2011 4:30 PM	26 Hours, 14 Minutes	Progress Energy Carolinas Inc	SERC	Central and Eastern North Carolina	Severe Weather	UNK	220000
2011	4	04/19/2011 8:00 PM	04/19/2011 10:00 PM	2 Hours, 0 Minutes	Ameren Illinois	SERC	Illinois	Severe Weather	UNK	80000
2011	4	04/19/2011 10:44 PM	04/20/2011 2:00 AM	3 Hours, 16 Minutes	Memphis Light Gas and Water Division	SERC	Memphis, Tennessee	Severe Weather	100	64000
2011	4	04/19/2011 11:02 PM	04/21/2011 5:32 PM	42 Hours, 30 Minutes	Tennessee Valley Authority	SERC	Memphis, Tennessee	Severe Weather	300	105000
2011	4	04/19/2011 11:13 PM	04/20/2011 7:14 PM	20 Hours, 1 Minutes	Constellation Energy Control and Dispatch	SERC	Osceola, Arkansas	Severe Weather	22	UNK
2011	4	04/20/2011 2:00 AM	04/21/2011 12:00 PM	34 Hours, 0 Minutes	Duke Energy Midwest	RFC	Indiana, Kentucky, Ohio	Severe Weather - High Winds	UNK	165711
2011	4	04/20/2011 8:07 AM	04/20/2011 8:14 AM	0 Hours, 7 Minutes	City of Ruston & Constellation Energy	SERC	Ruston, Louisiana	Equipment Malfunction	33	11000
2011	4	04/22/2011 9:00 PM	04/22/2011 11:00 PM	2 Hours, 0 Minutes	Ameren	SERC	Metro St. Louis area, Missouri	Severe Weather	0	55000
2011	4	04/25/2011 4:33 PM	04/25/2011 5:19 PM	0 Hours, 46 Minutes	Tennessee Valley Authority	SERC	Northeast Tennessee	Equipment Malfunction	140	UNK
2011	4	04/25/2011 5:30 PM	04/27/2011 6:00 PM	48 Hours, 30 Minutes	Entergy Corporation	SPP	Arkansas, Louisiana, Mississippi	Severe Weather	UNK	141700
2011	4	04/26/2011 5:49 AM	04/27/2011 9:59 AM	28 Hours, 10 Minutes	Entergy Corporation	SPP	Southern Louisiana	Severe Weather	120	UNK
2011	4	04/26/2011 9:51 AM	04/28/2011 9:51 AM	48 Hours, 0 Minutes	Tennessee Valley Authority	SERC	Alabama, Georgia, Mississippi, Tennessee	Severe Weather	UNK	55000
2011	4	04/26/2011 6:14 PM	04/28/2011 5:00 PM	46 Hours, 46 Minutes	West Memphis Utilities	SPP	Eastern Arkansas	Severe Weather	50	13000
2011	4	04/27/2011 8:00 AM	05/02/2011 4:03 PM	128 Hours, 3 Minutes	Southern Company	SERC	Alabama, Florida, Georgia, Mississippi	Severe Weather	1422	426640
2011	4	04/27/2011 10:00 AM	04/29/2011 4:29 PM	54 Hours, 29 Minutes	Tennessee Valley Authority	SERC	Alabama, Georgia, Mississippi, Tennessee	Severe Weather	UNK	612000
2011	4	04/27/2011 10:00 PM	04/28/2011 10:00 AM	12 Hours, 0 Minutes	American Electric Power	SERC	Ohio, Tennessee, Virginia	Severe Weather	0	69000
2011	4	04/28/2011 5:00 AM	04/30/2011 6:30 PM	61 Hours, 30 Minutes	FirstEnergy Service Company	RFC	Cleveland area, Ohio	Severe Weather	UNK	86000
2011	4	04/28/2011 4:09 PM	04/28/2011 4:10 PM	0 Hours, 1 Minutes	Mesquite Power, LLC	WECC	Phoenix, Arizona	Equipment Malfunction	960	UNK
2011	5	05/02/2011 5:06 PM	05/02/2011 8:00 PM	2 Hours, 54 Minutes	Hawaiian Electric Company	N/A	Hawaii	Severe Weather	220	62000
2011	5	05/10/2011 3:25 AM	05/11/2011 2:10 PM	34 Hours, 45 Minutes	Midwest Independent System Operator (MISO)	RFC	Upper Peninsula, Michigan	Generation Inadequacy; Load Shed; Electrical System Separation (Islanding)	585	78213
2011	5	05/10/2011 10:21 PM	05/11/2011 2:25 PM	16 Hours, 4 Minutes	American Electric Power	RFC	Kentucky, West Virginia	Severe Weather	UNK	58000
2011	5	05/11/2011 12:15 AM	05/11/2011 5:20 PM	17 Hours, 5 Minutes	Duke Energy Carolinas	SERC	Charlotte, North Carolina	Severe Weather	300	71000
2011	5	05/22/2011 5:09 PM	05/31/2011 12:01 PM	210 Hours, 52 Minutes	Empire District Electric	SPP	Joplin, Sarcoxie, and Wentworth, Missouri	Severe Weather	200	20000
2011	5	05/23/2011 12:30 PM	05/25/2011 12:30 PM	48 Hours, 0 Minutes	Ameren	SERC	St. Louis County, Missouri	Severe Weather	UNK	70000
2011	5	05/23/2011 4:45 PM	05/25/2011 11:59 PM	55 Hours, 14 Minutes	Duke Energy Midwest	RFC	Central, Indiana	Severe Weather	1024	215387
2011	5	05/24/2011 4:35 PM	05/25/2011 12:40 PM	20 Hours, 5 Minutes	Dominion Virginia Power	SERC	Eastern Virginia	Severe Weather	790	175000
2011	5	05/24/2011 4:45 PM	05/26/2011 5:00 PM	48 Hours, 15 Minutes	Oklahoma Gas & Electric	SPP	Central Oklahoma	Severe Weather	UNK	54000
2011	5	05/25/2011 10:14 PM	05/28/2011 11:00 AM	60 Hours, 46 Minutes	Duke Energy Midwest	RFC	Central Indiana	Severe Weather	200	141000
2011	5	05/26/2011 1:00 AM	05/26/2011 6:00 AM	5 Hours, 0 Minutes	Greenwood Utilities Commission	SERC	Greenwood, Mississippi	Transmission Level Interruption	30	10000
2011	5	05/26/2011 6:30 PM	05/28/2011 4:44 AM	34 Hours, 14 Minutes	Southern Company	SERC	Southern Balancing Area, Georgia	Severe Weather	729	218783
2011	5	05/26/2011 7:56 PM	05/27/2011 6:00 PM	22 Hours, 4 Minutes	PPL Electric Utilities	RFC	Central Pennsylvania	Severe Weather	150	120001
2011	5	05/29/2011 6:30 PM	05/31/2011 10:00 PM	51 Hours, 30 Minutes	Consumers Energy	RFC	Mid and Southern Lower Peninsula, Michigan	Severe Weather	250	113000
2011	6	06/02/2011 11:45 PM	06/04/2011 4:00 PM	40 Hours, 15 Minutes	South Carolina Electric and Gas	SERC	Greater Columbia, South Carolina	Severe Weather	0	50465
2011	6	06/05/2011 5:30 AM	06/06/2011 1:30 AM	20 Hours, 0 Minutes	CenterPoint Energy	TRE	Houston Metro-Area, Texas	Severe Thunderstorms	473	78000

**Table B.2 Major Disturbances and Unusual Occurrences, 2011**

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2011	6	06/05/2011 8:02 PM	06/05/2011 8:55 PM	0 Hours, 53 Minutes	Pacific Gas and Electric	WECC	Melones, California	Electrical System Separation (Islanding)	10	5314
2011	6	06/06/2011 12:13 AM	06/06/2011 3:15 AM	3 Hours, 2 Minutes	El Paso Electric Company	SPP	El Paso County, Texas; Dona Ana County, New Mexico	Load Shed/ Automatic undervoltage relay action	450	162000
2011	6	06/06/2011 3:00 PM	06/08/2011 3:00 PM	48 Hours, 0 Minutes	West Memphis Utilities	SPP	Eastern, Arkansas	Electricity Usage	UNK	13000
2011	6	06/07/2011 2:00 PM	06/08/2011 6:00 AM	16 Hours, 0 Minutes	American Electric Power	RFC	Ohio	Severe Weather	UNK	52747
2011	6	06/09/2011 4:30 AM	06/09/2011 12:00 PM	7 Hours, 30 Minutes	Exelon Corporation/ComEd	RFC	Illinois	Severe Thunderstorms	UNK	169000
2011	6	06/09/2011 5:51 PM	06/10/2011 12:00 PM	18 Hours, 9 Minutes	ISO New England/Northeast Utilities	NPCC	Western, Massachusetts; Connecticut	Severe Thunderstorms	0	100000
2011	6	06/12/2011 7:00 PM	06/12/2011 8:30 PM	1 Hours, 30 Minutes	Dominion Virginia Power	RFC	Virginia	Severe Thunderstorms	250	56000
2011	6	06/15/2011 7:15 PM	06/16/2011 6:00 AM	10 Hours, 45 Minutes	Southern Company	SERC	Georgia	Severe Thunderstorms	563	169000
2011	6	06/15/2011 7:17 PM	06/16/2011 1:45 AM	6 Hours, 28 Minutes	Duke Energy	SERC	Piedmont, North Carolina	Severe Thunderstorms	300	70135
2011	6	06/18/2011 3:30 PM	06/19/2011 3:42 PM	24 Hours, 12 Minutes	Southern Company	SERC	Northern, Georgia	Severe Thunderstorms	312	93828
2011	6	06/18/2011 4:45 PM	06/20/2011 11:59 PM	55 Hours, 14 Minutes	West Memphis Utilities	SPP	Eastern, Arkansas	Public Appeal to Reduce Electricity Usage	UNK	UNK
2011	6	06/18/2011 5:00 PM	06/18/2011 9:33 PM	4 Hours, 33 Minutes	Duke Energy Carolinas	SERC	North Carolina; South Carolina	Severe Thunderstorms	300	70000
2011	6	06/21/2011 6:30 PM	06/22/2011 7:00 AM	12 Hours, 30 Minutes	American Electric Power (AEP)	RFC	AEP Region	Severe Weather	UNK	56000
2011	6	06/21/2011 9:45 PM	06/23/2011 2:00 AM	28 Hours, 15 Minutes	Exelon Corporation/ComEd	RFC	Illinois	Severe Thunderstorms	UNK	300000
2011	6	06/22/2011 9:46 AM	06/22/2011 9:46 AM	0 Hours, 0 Minutes	Tennessee Valley Authority (TVA)	SERC	Knoxville, Tennessee	Severe Weather	UNK	106300
2011	6	06/22/2011 7:00 PM	06/23/2011 1:00 AM	6 Hours, 0 Minutes	Southern Company	SERC	Alabama; Georgia	Severe Thunderstorms	316	75101
2011	6	06/24/2011 6:30 PM	06/25/2011 1:30 AM	7 Hours, 0 Minutes	Southern Company	SERC	North/North Central Alabama; Georgia	Severe Thunderstorms	340	102275
2011	6	06/26/2011 4:46 PM	06/27/2011 7:59 AM	15 Hours, 13 Minutes	Sunflower Electric Power Corporation	SPP	Southwest Kansas	Public Appeal to Reduce Electricity Usage	UNK	UNK
2011	6	06/26/2011 6:00 PM	06/27/2011 1:00 PM	19 Hours, 0 Minutes	Southern Company	SERC	Alabama; Georgia	Severe Thunderstorms	300	90160
2011	6	06/27/2011 12:00 AM	06/29/2011 1:00 AM	49 Hours, 0 Minutes	AMEREN	SERC	Illinois; Missouri	Severe Thunderstorms	UNK	80000
2011	6	06/27/2011 3:00 PM	06/27/2011 7:00 PM	4 Hours, 0 Minutes	ERCOT ISO	TRE	Texas	Public Appeal to Reduce Electricity Usage	0	0
2011	6	06/29/2011 11:30 AM	06/29/2011 6:04 PM	6 Hours, 34 Minutes	Southwestern Public Service	SPP	Panhandle and Muleshoe, Texas	Public Appeal to Reduce Electricity Usage	0	0
2011	6	06/30/2011 2:11 PM	06/30/2011 11:25 PM	9 Hours, 14 Minutes	Salt River Project	WECC	Phoenix, Arizona	Shed	5299	160000
2011	6	06/30/2011 10:30 PM	07/01/2011 5:00 PM	18 Hours, 30 Minutes	Exelon Corporation/ComEd	RFC	Illinois	Severe Weather	UNK	121000
2011	7	07/01/2011 5:00 PM	07/03/2011 8:00 PM	51 Hours, 0 Minutes	Xcel Energy Northern States Power Company	MRO	Southwest and South Central Minnesota	Severe Weather	UNK	70000
2011	7	07/02/2011 8:15 PM	07/06/2011 10:00 PM	97 Hours, 45 Minutes	Detroit Edison, Subsidiary of DTE Energy	RFC	South East, Lower Peninsula, Michigan	Severe Weather	UNK	182000
2011	7	07/04/2011 6:00 PM	07/04/2011 9:00 PM	3 Hours, 0 Minutes	Dominion Virginia Power	SERC	Virginia	Severe Weather	150	51580
2011	7	07/11/2011 9:00 AM	07/11/2011 9:00 AM	0 Hours, 0 Minutes	Exelon Corporation/ComEd	RFC	Illinois	Severe Weather	UNK	500000
2011	7	07/11/2011 9:00 AM	07/11/2011 10:25 AM	1 Hours, 25 Minutes	Detroit Edison, Subsidiary of DTE Energy	RFC	Michigan	Severe Weather	254	103000
2011	7	07/11/2011 11:15 AM	07/12/2011 8:15 AM	21 Hours, 0 Minutes	Consumers Energy	RFC	Western and Southern Lower Peninsula Michigan	Severe Weather	UNK	85000
2011	7	07/11/2011 2:27 PM	07/12/2011 3:50 PM	25 Hours, 23 Minutes	American Electric Power (AEP)	RFC	Indiana, Michigan, Ohio	Severe Weather	UNK	120000
2011	7	07/13/2011 5:19 PM	07/13/2011 10:03 PM	4 Hours, 44 Minutes	Public Service Company of Colorado	WECC	Pueblo, Colorado	Load Shed	580	N/A
2011	7	07/14/2011 11:00 AM	07/14/2011 7:00 PM	8 Hours, 0 Minutes	ERCOT ISO	TRE	Texas	Public Appeal to Reduce Electricity Usage	0	0
2011	7	07/18/2011 5:00 PM	07/24/2011 1:30 PM	140 Hours, 30 Minutes	Detroit Edison, Subsidiary of DTE Energy	RFC	Southeast Michigan	Severe Weather	N/A	197166
2011	7	07/21/2011 12:32 PM	07/22/2011 6:30 AM	17 Hours, 58 Minutes	Consumers Energy	RFC	Lower Peninsula, Michigan	Public Appeal to Reduce Electricity Usage	8881	N/A
2011	7	07/21/2011 1:00 PM	07/21/2011 3:00 PM	2 Hours, 0 Minutes	City Water Light and Power	SERC	Springfield, Illinois	Public Appeal to Reduce Electricity Usage	N/A	N/A
2011	7	07/22/2011 11:00 AM	07/22/2011 6:00 PM	7 Hours, 0 Minutes	Niagara Mohawk Power Corporation (dba National Grid)	NPCC	Upstate, New York	Public Appeal to Reduce Electricity Usage	N/A	N/A
2011	7	07/22/2011 11:34 AM	07/22/2011 5:26 PM	5 Hours, 52 Minutes	PJM Interconnection	RFC	Ohio	Load Shed	206	23000
2011	7	07/23/2011 2:30 AM	07/24/2011 9:00 AM	30 Hours, 30 Minutes	Exelon Corporation/ComEd	RFC	Illinois	Severe Weather	UNK	169000
2011	7	07/28/2011 12:14 AM	07/29/2011 12:00 PM	35 Hours, 46 Minutes	Exelon Corporation/ComEd	RFC	Entire ComEd Territory, Indiana	Severe Weather	UNK	201000
2011	7	07/28/2011 7:26 AM	07/29/2011 7:26 AM	24 Hours, 0 Minutes	Owensboro Municipal Utilities	SERC	Daviess County, Kentucky	Fuel Supply Deficiency (Coal)	N/A	N/A
2011	7	07/29/2011 8:45 PM	08/01/2011 4:24 AM	55 Hours, 39 Minutes	FirstEnergy Corp: Jersey Central Power & Light	RFC	Central New Jersey	Severe Weather	N/A	67900
2011	8	08/01/2011 3:00 PM	08/05/2011 7:00 PM	100 Hours, 0 Minutes	ERCOT ISO	TRE	Texas	Public Appeal to Reduce Electricity Usage	0	0
2011	8	08/02/2011 10:15 AM	08/03/2011 9:16 AM	23 Hours, 1 Minutes	Oklahoma Gas & Electric	SPP	Oklahoma	Public Appeal to Reduce Electricity Usage	N/A	N/A
2011	8	08/02/2011 9:30 PM	08/03/2011 7:00 PM	21 Hours, 30 Minutes	Exelon Corporation/ComEd	RFC	Northeast, Illinois	Severe Weather	UNK	71500
2011	8	08/03/2011 10:00 AM	08/19/2011 10:00 AM	384 Hours, 0 Minutes	AES Somerset LLC	NPCC	Western New York	Fuel Supply Deficiency (Coal)	675	UNK
2011	8	08/03/2011 4:29 PM	08/03/2011 11:40 PM	7 Hours, 11 Minutes	Grand River Dam Authority	SPP	Northeast Oklahoma	Public Appeal to Reduce Electricity Usage	300	N/A
2011	8	08/03/2011 4:30 PM	08/03/2011 9:00 PM	4 Hours, 30 Minutes	Entergy	SPP	Central Arkansas	Public Appeal to Reduce Electricity Usage	0	0
2011	8	08/04/2011 10:30 AM	08/04/2011 4:00 PM	5 Hours, 30 Minutes	American Electric Power (AEP)	SPP	Arkansas, Oklahoma, Texas	Public Appeal to Reduce Electricity Usage	N/A	N/A
2011	8	08/08/2011 7:36 PM	08/09/2011 12:00 PM	16 Hours, 24 Minutes	Oklahoma Municipal Power Authority	SPP	Oklahoma	Electrical System Separation (Islanding)	92	14500
2011	8	08/08/2011 8:58 PM	08/10/2011 4:30 PM	43 Hours, 32 Minutes	Oklahoma Gas & Electric	SPP	Northern and Central Oklahoma	Severe Weather	N/A	54000
2011	8	08/13/2011 4:41 PM	08/14/2011 7:00 PM	26 Hours, 19 Minutes	LG&E and KU Energy LLC	SERC	Kentucky	Severe Weather	UNK	181700
2011	8	08/20/2011 5:42 PM	08/23/2011 8:00 PM	74 Hours, 18 Minutes	Detroit Edison, Subsidiary of DTE Energy	RFC	Southeastern Michigan	Severe Weather	254	65000
2011	8	08/21/2011 10:45 PM	08/23/2011 10:45 PM	48 Hours, 0 Minutes	Puerto Rico Electric Power Authority (PREPA)	N/A	Puerto Rico	Severe Weather	2200	931000
2011	8	08/23/2011 10:30 AM	08/23/2011 4:54 PM	6 Hours, 24 Minutes	Southwestern Public Service Company	SPP	Southeastern New Mexico, Texas Panhandle	Public Appeal to Reduce Electricity Usage	0	0
2011	8	08/23/2011 1:51 PM	08/23/2011 1:51 PM	0 Hours, 0 Minutes	Dominion Virginia Power	RFC	Virginia	Earthquake	0	0
2011	8	08/23/2011 3:43 PM	08/23/2011 7:00 PM	3 Hours, 17 Minutes	ERCOT ISO	TRE	Texas	Public Appeal to Reduce Electricity Usage	0	0
2011	8	08/24/2011 7:45 AM	08/25/2011 6:00 AM	22 Hours, 15 Minutes	CenterPoint Energy	TRE	Houston area, Texas	Severe Weather	485	79000
2011	8	08/24/2011 1:20 PM	08/29/2011 7:00 PM	125 Hours, 40 Minutes	ERCOT ISO	TRE	Texas	Public Appeal to Reduce Electricity Usage	0	0
2011	8	08/24/2011 2:51 PM	08/24/2011 10:00 PM	7 Hours, 9 Minutes	American Electric Power (AEP)	SPP	Arkansas, Louisiana, Texas	Severe Weather	N/A	53064
2011	8	08/25/2011 12:30 AM	08/28/2011 8:00 PM	91 Hours, 30 Minutes	FirstEnergy Corp: Cleveland Electric Illuminating Company	RFC	Cleveland area, Ohio	Severe Weather	N/A	107833
2011	8	08/26/2011 12:30 AM	08/28/2011 12:30 AM	48 Hours, 0 Minutes	FirstEnergy Corp: Metropolitan Edison Company	RFC	Pennsylvania	Severe Weather	N/A	200717
2011	8	08/27/2011 2:00 AM	08/27/2011 5:15 AM	3 Hours, 15 Minutes	Town of Stantonburg JRO	SERC	Wilson County North Carolina	Distribution System Interruption	2	1200
2011	8	08/27/2011 2:57 AM	08/29/2011 11:30 PM	68 Hours, 33 Minutes	Progress Energy Carolinas	SERC	Eastern North Carolina	Severe Weather	UNK	285465
2011	8	08/27/2011 10:33 AM	08/29/2011 2:00 PM	51 Hours, 27 Minutes	Dominion Virginia Power	SERC	North Carolina; Virginia	Severe Weather	UNK	1000000
2011	8	08/27/2011 1:00 PM	08/29/2011 1:00 PM	48 Hours, 0 Minutes	Delmarva Power & Light Company	RFC	Delaware; Maryland	Severe Weather	N/A	165000
2011	8	08/27/2011 7:00 PM	08/29/2011 1:31 PM	42 Hours, 31 Minutes	North Carolina Eastern Municipal Power Agency	SERC	Eastern North Carolina	Severe Weather	200	136000
2011	8	08/27/2011 8:30 PM	09/04/2011 11:30 PM	195 Hours, 0 Minutes	Baltimore Gas and Electric Company	RFC	Maryland	Severe Weather	1114	760113
2011	8	08/27/2011 10:00 PM	08/29/2011 4:00 PM	42 Hours, 0 Minutes	Atlantic City Electric Company	RFC	Southern New Jersey	Severe Weather	320	140000
2011	8	08/27/2011 10:00 PM	08/29/2011 10:00 PM	48 Hours, 0 Minutes	Exelon Corporation / PECO	RFC	Pennsylvania	Severe Weather	N/A	264000
2011	8	08/27/2011 11:00 PM	08/29/2011 8:00 AM	33 Hours, 0 Minutes	Southern Maryland Electric Cooperative (SMECO)	RFC	Maryland	Severe Weather	UNK	108000
2011	8	08/27/2011 11:05 PM	08/29/2011 3:30 PM	578,608 Hours, 25 Minutes	Pepco	RFC	District of Columbia; Maryland	Severe Weather	N/A	220000
2011	8	08/28/2011 12:01 AM	08/30/2011 12:01 AM	48 Hours, 0 Minutes	Central Hudson Gas & Electric	NPCC	Mid-Hudson, New York	Severe Weather	N/A	180000
2011	8	08/28/2011 12:23 AM	08/30/2011 12:23 AM	48 Hours, 0 Minutes	Public Service Electric and Gas Company	RFC	New Jersey	Severe Weather	500	665000
2011	8	08/28/2011 12:30 AM	08/30/2011 12:30 AM	48 Hours, 0 Minutes	FirstEnergy Corp: Jersey Central Power & Light	RFC	Northern and Central New Jersey	Severe Weather	N/A	650000
2011	8	08/28/2011 2:58 AM	08/30/2011 2:58 AM	48 Hours, 0 Minutes	PPL Electric Utilities	RFC	Eastern and Northeastern Pennsylvania	Severe Weather	110	284000
2011	8	08/28/2011 5:00 AM	08/30/2011 5:00 AM	48 Hours, 0 Minutes	Long Island Power Authority	NPCC	Long Island, New York	Severe Weather	UNK	152261
2011	8	08/28/2011 5:01 AM	09/03/2011 5:01 AM	144 Hours, 0 Minutes	Consolidated Edison Company of NY, Inc.	NPCC	Borough's and Westchester County New York	Severe Weather	N/A	50000
2011	8	08/28/2011 7:00 AM	09/03/2011 12:01 AM	137 Hours, 1 Minutes	New York State Electric & Gas Corporation	NPCC	New York	Severe Weather	UNK	99700
2011	8	08/28/2011 7:40 AM	08/29/2011 7:40 AM	24 Hours, 0 Minutes	The United Illuminating Company	NPCC	Southwest Connecticut	Severe Weather	N/A	158000
2011	8	08/28/2011 9:42 AM	08/30/2011 12:01 AM	38 Hours, 19 Minutes	Niagara Mohawk Power Corporation	NPCC	Eastern New York	Severe Weather	N/A	100000
2011	8	08/28/2011 12:10 PM	08/28/2011 12:11 PM	0 Hours, 1 Minutes	ISO New England	NPCC	Eastern Massachusetts	Severe Weather	N/A	50000
2011	8	08/28/2011 12:30 PM	08/28/2011 12:31 PM	0 Hours, 1 Minutes	Orange and Rockland Utilities, Inc.	NPCC	New York	Severe Weather	N/A	116000

**Table B.2 Major Disturbances and Unusual Occurrences, 2011**

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2011	9	09/03/2011 2:00 PM	09/08/2011 6:00 PM	124 Hours, 0 Minutes	Detroit Edison, Subsidiary of DTE Energy	RFC	Southeast Lower Peninsula, Michigan	Severe Weather	UNK	105000
2011	9	09/05/2011 4:30 PM	09/07/2011 3:45 PM	47 Hours, 15 Minutes	Southern Company	SERC	Alabama; Georgia	Severe Weather	177	53295
2011	9	09/08/2011 3:28 PM	09/10/2011 3:30 PM	48 Hours, 2 Minutes	WECC Reliability Coordinator	WECC	Arizona; California	Transmission/Distribution Interruption; Load Shed; Generation Inadequacy	7000	2000000
2011	9	09/21/2011 2:37 PM	09/21/2011 3:47 PM	1 Hours, 10 Minutes	Puerto Rico Electric Power Authority (PREPA)	N/A	Puerto Rico	Generation Inadequacy; Load Shed	600	319616
2011	9	09/29/2011 5:00 AM	09/30/2011 6:00 AM	25 Hours, 0 Minutes	CenterPoint Energy	TRE	Houston metro area, Texas	Severe Weather	N/A	65000
2011	10	10/26/2011 5:00 AM	10/27/2011 3:00 PM	34 Hours, 0 Minutes	Public Service Company of Colorado	WECC	Denver; Ft. Collins, Colorado	Severe Weather	UNK	204000
2011	10	10/29/2011 8:59 AM	11/07/2011 3:00 PM	222 Hours, 1 Minutes	Potomac Edison	RFC	Pennsylvania	Severe Weather	UNK	50000
2011	10	10/29/2011 8:59 AM	11/07/2011 7:58 PM	226 Hours, 59 Minutes	Metropolitan Edison Company	RFC	Pennsylvania	Severe Weather	UNK	312359
2011	10	10/29/2011 9:59 AM	11/07/2011 1:00 PM	219 Hours, 1 Minutes	Jersey Central Power & Light Company	RFC	Northwest and Central New Jersey	Severe Weather	UNK	379000
2011	10	10/29/2011 11:18 AM	11/04/2011 12:00 AM	132 Hours, 42 Minutes	New York State Elec & Gas Corp	NPCC	Southeast New York	Severe Weather	UNK	161151
2011	10	10/29/2011 12:57 PM	11/03/2011 11:00 PM	130 Hours, 3 Minutes	PPL Electric Utilities	RFC	Harrisburg, Lehigh Valley, Lancaster Region Pennsylvania	Severe Weather	UNK	146721
2011	10	10/29/2011 2:00 PM	10/31/2011 2:00 PM	48 Hours, 0 Minutes	Exelon Corporation/PECO	RFC	Southeast Pennsylvania	Severe Weather	UNK	109335
2011	10	10/29/2011 2:30 PM	11/06/2011 12:00 PM	189 Hours, 30 Minutes	Public Service Electric and Gas Company	RFC	New Jersey	Severe Weather	125	197000
2011	10	10/29/2011 3:00 PM	11/02/2011 8:15 AM	89 Hours, 15 Minutes	Central Hudson Gas & Electric Corp.	NPCC	Mid-Hudson Valley Region, New York	Severe Weather	N/A	145000
2011	10	10/29/2011 4:14 PM	11/07/2011 4:00 PM	215 Hours, 46 Minutes	ISO New England	NPCC	Connecticut; Maine; Massachusetts; New Hampshire; Rhode Island	Severe Weather	UNK	1418100
2011	10	10/29/2011 4:16 PM	11/02/2011 9:30 PM	101 Hours, 14 Minutes	Consolidated Edison Company of NY, Inc	NPCC	New York City area	Severe Weather	UNK	50000
2011	10	10/29/2011 8:00 PM	10/31/2011 8:00 PM	48 Hours, 0 Minutes	Orange and Rockland Utilities, Inc	RFC	New Jersey; New York	Severe Weather	N/A	74000
2011	11	11/30/2011 4:56 PM	12/02/2011 10:00 AM	41 Hours, 4 Minutes	Los Angeles Department of Water and Power	WECC	City of Los Angeles, California	Severe Weather	UNK	150000
2011	12	12/01/2011 12:45 AM	12/07/2011 9:00 PM	164 Hours, 15 Minutes	Southern California Edison (SCE)	WECC	Southern California	Severe Weather	UNK	91690
2011	12	12/01/2011 3:29 AM	12/02/2011 1:05 PM	33 Hours, 36 Minutes	Pacific Gas and Electric	WECC	Northern California	Severe Weather	300	100000
2011	12	12/01/2011 10:00 AM	12/02/2011 1:11 PM	27 Hours, 11 Minutes	PacifiCorp	WECC	Wasatch Front Area Utah	Severe Weather	UNK	60000
2011	12	12/06/2011 8:00 AM	12/06/2011 8:00 PM	12 Hours, 0 Minutes	Montana Dakota Utilities	MRO	Bismarck-Mandan, North Dakota	Public Appeal to Reduce Electricity Usage	155	34500
2011	12	12/07/2011 7:29 PM	12/07/2011 10:57 PM	3 Hours, 28 Minutes	Dominion Virginia Power	SERC	Central Virginia	Severe Weather	240	60000

Note: Customers affected are estimates and are preliminary.  
Source: Form OE-417, 'Electric Emergency Incident and Disturbance Report.'

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## Appendix C

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### Technical notes

This appendix describes how the U. S. Energy Information Administration (EIA) collects, estimates, and reports electric power data in the EPM.

### Data quality

The EPM is prepared by the Office of Electricity, Renewables & Uranium Statistics (ERUS), Energy Information Administration (EIA), U. S. Department of Energy. Quality statistics begin with the collection of the correct data. To assure this, ERUS performs routine reviews of the data collected and the forms on which it is collected. Additionally, to assure that the data are collected from the correct parties, ERUS routinely reviews the frames for each data collection.

Automatic, computerized verification of keyed input, review by subject matter specialists, and follow-up with nonrespondents assure quality statistics. To ensure the quality standards established by the EIA, formulas that use the past history of data values in the database have been designed and implemented to check data input for errors automatically. Data values that fall outside the ranges prescribed in the formulas are verified by telephoning respondents to resolve any discrepancies. All survey nonrespondents are identified and contacted.

### Reliability of data

There are two types of errors possible in an estimate based on a sample survey: sampling and non-sampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Non-sampling errors can be attributed to many sources in the collection and processing of data. The accuracy of survey results is determined by the joint effects of sampling and non-sampling errors. Monthly sample survey data have both sampling and non-sampling error. Annual survey data are collected by a census and are not subject to sampling error.

Non-sampling errors can be attributed to many sources: (1) inability to obtain complete information about all cases in the sample (i.e., nonresponse); (2) response errors; (3) definitional difficulties; (4) differences in the interpretation of questions; (5) mistakes in recording or coding the data obtained; and (6) other errors of collection, response, coverage, and estimation for missing data. Note that for the cutoff sampling and model-based regression (ratio) estimation that we use, data 'missing' due to nonresponse, and data 'missing' due to being out-of-sample are treated in the same manner. Therefore missing data may be considered to result in sampling error, and variance estimates reflect all missing data.

Although no direct measurement of the biases due to non-sampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. See the Data Processing and Data System Editing section for each EIA form for an in-depth discussion of how the sampling and non-sampling errors are handled in each case.

**Relative Standard Error:** The relative standard error (RSE) statistic, usually given as a percentage, describes the magnitude of sampling error that might reasonably be incurred. The RSE is the square root of the estimated variance, divided by the variable of interest. The variable of interest may be the ratio of two variables, or a single variable.

The sampling error may be less than the non-sampling error. In fact, large RSE estimates found in preliminary work with these data have often indicated non-sampling errors, which were then identified and corrected. Non-sampling errors may be attributed to many sources, including the response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding data obtained, and other errors of collection, response, or coverage. These non-sampling errors also occur in complete censuses.

Using the Central Limit Theorem, which applies to sums and means such as are applicable here, there is approximately a 68 percent chance that the true total or mean is within one RSE of the estimated total or mean. Note that reported RSEs are always estimates themselves, and are usually, as here, reported as percentages. As an example, suppose that a net generation from coal value is estimated to be 1,507 million kilowatthours with an estimated RSE of 4.9 percent. This means that, ignoring any non-sampling error, there is approximately a 68 percent chance that the true million kilowatthour value is within approximately 4.9 percent of 1,507 million kilowatthours (that is, between 1,433 and 1,581 million kilowatthours). Also under the Central Limit Theorem, there is approximately a 95 percent chance that the true mean or total is within 2 RSEs of the estimated mean or total.

Note that there are times when a model may not apply, such as in the case of a substantial reclassification of sales, when the relationship between the variable of interest and the regressor data does not hold. In such a case, the new information may represent only itself, and such numbers are added to model results when estimating totals. Further, there are times when sample data may be known to be in error, or are not reported. Such cases are treated as if they were never part of the model-based sample, and values are imputed. Experiments were done to see if nonresponse should be treated differently, but it was decided to treat those cases the same as out-of-sample cases.

**Relative Standard Error With Respect to a Superpopulation:** The RSESP statistic is similar to the RSE (described above). Like the RSE, it is a statistic designed to estimate the variability of data and is usually given as a percentage. However, where the RSE is only designed to estimate the magnitude of sampling error, the RSESP more fully reflects the impact of variability from sampling and non-sampling errors. This is a more complete measure than RSE in that it can measure statistical variability in a complete census in addition to a sample<sup>21,24</sup>. In addition to being a measure of data variability, the RSESP can also be useful in comparing different models that are applied to the same set of data<sup>22</sup>. This capability is used to test different regression models for imputation and prediction. This testing may include considerations such as comparing different regressors, the comparative reliability of different monthly samples, or the use of different geographical strata or groupings for a given model. For testing purposes, ERUS typically uses recent historical data that have been finalized. Typically, time-series graphics showing two or more models or samples are generated showing the RSESP values over time. In selecting models, consideration is given to total survey error as well as any apparent differences in robustness.



Imputation: For monthly data, if the reported values appeared to be in error and the data issue could not be resolved with the respondent, or if the facility was a nonrespondent, a regression methodology is used to impute for the facility. The same procedure is used to estimate ("predict") data for facilities not in the monthly sample. The regression methodology relies on other data to make estimates for erroneous or missing responses.

Estimation for missing monthly data is accomplished by relating the observed data each month to one or more other data elements (regressors) for which we generally have an annual census. Each year, when new annual regressor data are available, recent monthly relationships are updated, causing slight revisions to estimated monthly results. These revisions are made as soon as the annual data are released.

The basic technique employed is described in the paper "Model-Based Sampling and Inference<sup>16</sup>," on the EIA website. Additional references can be found on the InterStat website (<http://interstat.statjournals.net/>). The basis for the current methodology involves a 'borrowing of strength' technique for small domains.

### Data revision procedure

ERUS has adopted the following policy with respect to the revision and correction of recurrent data in energy publications:

- Annual survey data are disseminated either as preliminary or final when first appearing in a data product. Data initially released as preliminary will be so noted in the data product. These data are typically released as final by the next dissemination of the same product; however, if final data are available at an earlier interval they may be released in another product.
- All monthly survey data are first disseminated as preliminary. These data are revised after the prior year's data are finalized and are disseminated as revised preliminary. No revisions are made to the published data before this or subsequent to these data being finalized unless significant errors are discovered.
- After data are disseminated as final, further revisions will be considered if they make a difference of 1 percent or greater at the national level. Revisions for differences that do not meet the 1 percent or greater threshold will be determined by the Office Director. In either case, the proposed revision will be subject to the EIA revision policy concerning how it affects other EIA products.
- The magnitudes of changes due to revisions experienced in the past will be included periodically in the data products, so that the reader can assess the accuracy of the data.

### Data sources for Electric Power Monthly

Data published in the EPM are compiled from the following sources:

- Form EIA-923, "Power Plant Operations Report,"
- Form EIA 826, "Monthly Electric Utility Sales and Revenues with State Distributions Report,"
- Form EIA 860, "Annual Electric Generator Report,"
- Form EIA-860M, "Monthly Update to the Annual Electric Generator Report," and

- Form EIA 861, “Annual Electric Power Industry Report.”

For access to these forms and their instructions, please see:

<http://www.eia.gov/cneaf/electricity/page/forms.html>.

In addition to the above-named forms, the historical data published in the EPM for periods prior to 2008 are compiled from the following sources:

- FERC Form 423, “Monthly Report of Cost and Quality of Fuels for Electric Plants,”
- Form EIA-423, “Monthly Cost and Quality of Fuels for Electric Plants Report,”
- Form EIA-759, “Monthly Power Plant Report,”
- Form EIA-860A, “Annual Electric Generator Report–Utility,”
- Form EIA-860B, “Annual Electric Generator Report–Nonutility,”
- Form EIA-900, “Monthly Nonutility Power Report,”
- Form EIA-906, “Power Plant Report,” and
- Form EIA-920, “Combined Heat and Power Plant Report.”

See Appendix A of the historical Electric Power Annual reports to find descriptions of forms that are no longer in use. The publications can be found from the top of the current EPA under previous issues: <http://www.eia.gov/electricity/annual>.

**Rounding rules for data:** To round a number to  $n$  digits (decimal places), add one unit to the  $n$ th digit if the  $(n+1)$  digit is 5 or larger and keep the  $n$ th digit unchanged if the  $(n+1)$  digit is less than 5. The symbol for a number rounded to zero is (\*).

**Percent difference:** The following formula is used to calculate percent differences:

$$\text{Percent Difference} = \left( \frac{x(t_2) - x(t_1)}{|x(t_1)|} \right) \times 100,$$

where  $x(t_1)$  and  $x(t_2)$  denote the quantity at year  $t_1$  and subsequent year  $t_2$ .

**Meanings of symbols appearing in tables:** The following symbols have the meaning described below:

- \* The value reported is less than half of the smallest unit of measure, but is greater than zero.
- P Indicates a preliminary value.
- NM Data value is not meaningful, either (1) when compared to the same value for the previous time period, or (2) when a data value is not meaningful due to having a high Relative Standard Error (RSE).
- (\*) Usage of this symbol indicates a number rounded to zero.

## Form EIA-826

The Form EIA 826, “Monthly Electric Utility Sales and Revenues with State Distributions Report,” is a monthly collection of data from a sample of approximately 500 of the largest electric utilities (primarily investor owned and publicly owned) as well as a census of energy service providers with retail sales in deregulated States. Form EIA-861, with approximately 3,300 respondents, serves as a frame from which the Form 826 sample is drawn. Based on this sample, a model is used to estimate for the entire universe of U.S. electric utilities.

**Instrument and design history:** The collection of electric power sales data and related information began in the early 1940’s and was established as FPC Form 5 by FPC Order 141 in 1947. In 1980, the report was revised with only selected income items remaining and became the FERC Form 5. The Form EIA 826, “Electric Utility Company Monthly Statement,” replaced the FERC Form 5 in January 1983. In January 1987, the “Electric Utility Company Monthly Statement” was changed to the “Monthly Electric Utility Sales and Revenue Report with State Distributions.” The title was changed again in January 2002 to “Monthly Electric Utility Sales and Revenues with State Distributions Report” to become consistent with other EIA report titles. The Form EIA 826 was revised in January 1990, and some data elements were eliminated.

In 1993, EIA for the first time used a model sample for the Form EIA 826. A stratified random sample, employing auxiliary data, was used for each of the four previous years. The sample for the Form EIA 826 was designed to obtain estimates of electricity sales and average retail price of electricity at the State level by end use sector.

Starting with data for January 2001, the restructuring of the electric power industry was taken into account by forming three schedules on the Form EIA-826. Schedule 1, Part A is for full service utilities that operate as in the past. Schedule 1, Part B is for electric service providers only, and Schedule 1, Part C is for those utilities providing distribution service for those on Schedule 1, Part B. In addition, Schedule 1 Part D is for those retail energy providers or power marketers that provide bundled service. Also, the Form EIA-826 frame was modified to include all investor-owned electric utilities and a sample of companies from other ownership classes. A new method of estimation was implemented at this same time. (See EPM April 2001, p.1.)

With the October 2004 issue of the EPM, EIA published for the first time preliminary electricity sales data for the Transportation Sector. These data are for electricity delivered to and consumed by local, regional, and metropolitan transportation systems. The data being published for the first time in the October EPM included July 2004 data as well as year-to-date. EIA’s efforts to develop these new data have identified anomalies in several States and the District of Columbia. Some of these anomalies are caused by issues such as: 1) Some respondents have classified themselves as outside the realm of the survey. The Form EIA-826 collects retail data from those respondents providing electricity and other services to the ultimate end users. EIA has experienced specific situations where, although the respondents’ customers are the ultimate end users, particular end users qualify under wholesale rate schedules. 2) The Form EIA-826 is a cutoff sample and not intended to be a census.

Beginning with 2008 data and some annual 2007 data, the Form EIA-923 replaced Forms EIA-906, EIA-920, EIA-423, and FERC 423. In addition, several sections of the discontinued Form EIA-767 have been included in either the Form EIA-860 or Form EIA-923. See the following link for a detailed explanation. <http://www.eia.gov/cneaf/electricity/2008forms/consolidate.html>

The legislative authority to collect these data is defined in the Federal Energy Administration Act of 1974 (Public Law 93-275, Sec. 13(b), 5(a), 5(b), 52).

**Data processing and data system editing:** Monthly Form EIA-826 submission is available via an Internet Data Collection (IDC) system. The completed data are due to EIA by the last calendar day of the month following the reporting month. Nonrespondents are contacted to obtain the data. The data are edited and additional checks are completed. Following verification, imputation is run, and tables and text of the aggregated data are produced for inclusion in the EPM.

**Imputation:** Regression prediction, or imputation, is done for entities not in the monthly sample and for any nonrespondents. Regressor data for Schedule 1, Part A is the average monthly sales or revenue from the most recent finalized data from survey Form EIA-861. Beginning with January 2008 data and the finalized 2007 data, the regressor data for Schedule 1 Parts B and C is the prior month's data.

**Formulas and methodologies:** The Form EIA 826 data are collected by end-use sector (residential, commercial, industrial, and transportation) and State. Form EIA 861 data are used as the frame from which the sample is selected and in some instances also as regressor data. Updates are made to the frame to reflect mergers that affect data processing.

With the revised definitions for the commercial and industrial sectors to include all data previously reported as 'other' data except transportation, and a separate transportation sector, all responses that would formerly have been reported under the "other" sector are now to be reported under one of the sectors that currently exist. This means there is probably a lower correlation, in general, between, say, commercial Form EIA-826 data for 2004 and commercial Form EIA-861 data for 2003 than there was between commercial Form EIA-826 data for 2003 and commercial Form EIA-861 data for 2002 or earlier years, although commercial and industrial definitions have always been somewhat nebulous due to power companies not having complete information on all customers.

Data submitted for January 2004 represent the first time respondents were to provide data specifically for the transportation end-use sector.

During 2003 transportation data were collected annually through Form EIA-861. Beginning in 2004 the transportation data were collected on a monthly basis via Form EIA-826. In order to develop an estimate of the monthly transportation data for 2003, values for both retail sales of electricity to ultimate customers and revenue from retail sales of electricity to ultimate customers were estimated using the 2004 monthly profile for the sales and revenues from the data collected via Form EIA-826. All monthly non-transportation data for 2003 (i.e. street lighting, etc.), which were previously reported in the "other" end-use sector on the Form EIA-826 have been prorated into the Commercial and Industrial end-use sectors based on the 2003 Form EIA-861 profile.

A monthly distribution factor was developed for the monthly data collected in 2004 (for the months of January through November). The transportation sales and revenues for December 2004 were assumed to be equivalent to the transportation sales and revenues for November 2004. The monthly distribution factors for January through November were applied to the annual values for transportation sales and revenues collected via Form EIA-861 to develop corresponding 2003 monthly values. The eleven month estimated totals from January through November 2003 were subtracted from the annual values obtained from Form EIA-861 in order to obtain the December 2003 values.

Data from the Form EIA-826 are used to determine estimates by sector at the State, Census division, and national level. State level sales and revenues estimates are first calculated. Then the ratio of revenue divided by sales is calculated to estimate retail price of electricity at the State level. The estimates are accumulated separately to produce the Census division and U.S. level estimates<sup>1</sup>.

Some electric utilities provide service in more than one State. To facilitate the estimation, the State service area is actually used as the sampling unit. For each State served by each utility, there is a utility State part, or "State service area." This approach allows for an explicit calculation of estimates for sales, revenue, and average retail price of electricity by end use sector at State, Census division, and national level. Estimation procedures include imputation to account for nonresponse. Non-sampling error must also be considered. The non-sampling error is not estimated directly, although attempts are made to minimize the non-sampling error.

Average retail price of electricity represents the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average retail price of electricity is calculated for all consumers and for each end-use sector.

The electric revenue used to calculate the average retail price of electricity is the operating revenue reported by the electric utility. Operating revenue includes energy charges, demand charges, consumer service charges, environmental surcharges, fuel adjustments, and other miscellaneous charges. Electric utility operating revenues also include State and Federal income taxes and taxes other than income taxes paid by the utility.

The average retail price of electricity reported in this publication by sector represents a weighted average of consumer revenue and sales within sectors and across sectors for all consumers, and does not reflect the per kWh rate charged by the electric utility to the individual consumers. Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric utility for providing electrical service.

**Adjusting monthly data to annual data:** As a final adjustment based on our most complete data, use is made of final Form EIA-861 data, when available. The annual totals for Form EIA-826 data by State and end-use sector are compared to the corresponding Form EIA-861 values for sales and revenue. The ratio of these two values in each case is then used to adjust each corresponding monthly value.

**Sensitive data:** Most of the data collected on the Form EIA-826 are not considered business sensitive. However, revenue, sales, and customer data collected from energy service providers (Schedule 1, Part B), which do not also provide energy delivery, are considered business sensitive and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

## Form EIA-860

The Form EIA 860, "Annual Electric Generator Report," is a mandatory annual census of all existing and planned electric generating facilities in the United States with a total generator nameplate capacity of 1 or more megawatts. The survey is used to collect data on existing power plants and 10 year plans for constructing new plants, as well as generating unit additions, modifications, and retirements in existing plants. Data on the survey are collected at the generator level. Certain power plant environmental-related data are collected at the boiler level. These data include environmental equipment design parameters, boiler air emission standards, and boiler emission controls. The Form EIA-860 is made available in January to collect data related to the previous year.

**Instrument and design history:** The Form EIA-860 was originally implemented in January 1985 to collect data as of year-end 1984. It was preceded by several Federal Power Commission (FPC) forms including the FPC Form 4, Form 12 and 12E, Form 67, and Form EIA-411. In January 1999, the Form EIA-860 was renamed the Form EIA-860A, "Annual Electric Generator Report – Utility" and was implemented to collect data from electric utilities as of January 1, 1999.

In 1989, the Form EIA-867, "Annual Nonutility Power Producer Report," was initiated to collect plant data on unregulated entities with a total generator nameplate capacity of 5 or more megawatts. In 1992, the reporting threshold of the Form EIA-867 was lowered to include all facilities with a combined nameplate capacity of 1 or more megawatts. Previously, data were collected every 3 years from facilities with a nameplate capacity between 1 and 5 megawatts. In 1998, the Form EIA-867, was renamed Form EIA-860B, "Annual Electric Generator Report – Nonutility." The Form EIA-860B was a mandatory survey of all existing and planned nonutility electric generating facilities in the United States with a total generator nameplate capacity of 1 or more megawatts.

Beginning with data collected for the year 2001, the infrastructure data collected on the Form EIA-860A and the Form EIA-860B were combined into the new Form EIA-860 and the monthly and annual versions of the Form EIA-906.

Starting with 2007, design parameters data formerly collected on Form EIA-767 were collected on Form EIA-860. These include design parameters associated with certain steam-electric plants' boilers, cooling systems, flue gas particulate collectors, flue gas desulfurization units, and stacks and flues.

The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

**Estimation of form eia-860 data:** EIA received forms from all 18,151 existing generators in the 2010 Form EIA-860 frame, so no imputation was required.

**Sensitive data:** The tested heat rate data collected on the Form EIA-860 are considered business sensitive.

## Form EIA-860M

The Form EIA 860M, “Monthly Update to the Annual Electric Generator Report,” is a mandatory monthly survey that collects data on the status of proposed new generators or changes to existing generators for plants that report on Form EIA-860.

The Form EIA-860M has a rolling frame based upon planned changes to capacity as reported on the previous Form EIA-860. Respondents are added to the frame 12 months prior to the expected effective date for all new units or expected retirement date for existing units. For all other types of capacity changes (including retirements, uprates, derates, repowering, or other modifications), respondents are added 1 month prior to the anticipated modification change date. Respondents are removed from the frame at the completion of the changes or if the change date is moved back so that the plant no longer qualifies to be in the frame. Typically, 150 to 200 utilities per month are required to report for 175 to 250 plants (including 250 to 400 generating units) on this form. The unit characteristics of interest are changes to the previously reported planned operating month and year, prime mover type, capacity, and energy sources.

**Instrument and design history:** The data collected on Form EIA-860M was originally collected via phone calls at the end of each month. During 2005, the Form EIA-860M was introduced as a mandatory form using the Internet Data Collection (IDC) system.

The legislative authority to collect these data is defined in the Federal Energy Administration Act of 1974 (Public Law 93-275, Sec. 13(b), 5(a), 5(b), 52).

**Data processing and data system editing:** Approximately 150 to 200 utilities are requested to provide data each month on the Form EIA 860M. These data are collected via the IDC system and automatically checked for certain errors. Most of the quality assurance issues are addressed by the respondents as part of the automatic edit check process. In some cases, respondents are subsequently contacted about their explanatory overrides to the edit checks.

**Sensitive data:** Data collected on the Form EIA-860M are not considered to be sensitive.

## Form EIA-861

The Form EIA 861, “Annual Electric Power Industry Report,” is a mandatory census of electric power industry participants in the United States. The survey is used to collect information on power sales and revenue data from approximately 3,300 respondents. About 3,200 are electric utilities and the

remainder are nontraditional utilities such as energy service providers or the unregulated subsidiaries of electric utilities and power marketers.

**Instrument and design history:** The Form EIA 861 was implemented in January 1985 for collection of data as of year end 1984. The Federal Energy Administration Act of 1974 (Public Law 93 275) defines the legislative authority to collect these data.

**Data processing and data system editing:** The Form EIA 861 is made available to the respondents in January of each year to collect data as of the end of the preceding calendar year. The data are edited when entered into the interactive on line system. Internal edit checks are performed to verify that current data total across and between schedules, and are comparable to data reported the previous year. Edit checks are also performed to compare data reported on the Form EIA 861 and similar data reported on the Form EIA 826. Respondents are telephoned to obtain clarification of reported data and to obtain missing data.

Data for the Form EIA 861 are collected at the owner level from all electric utilities including energy service providers in the United States, its territories, and Puerto Rico. Form EIA 861 data in this report are for the United States only.

Average retail price of electricity represents the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average retail price of electricity is calculated for all consumers and for each end-use sector.

The electric revenue used to calculate the average retail price of electricity is the operating revenue reported by the electric power industry participant. Operating revenue includes energy charges, demand charges, consumer service charges, environmental surcharges, fuel adjustments, and other miscellaneous charges. Electric power industry participant operating revenues also include State and Federal income taxes and other taxes paid by the utility.

The average retail price of electricity reported in this publication by sector represents a weighted average of consumer revenue and sales, and does not equal the per kWh rate charged by the electric power industry participant to the individual consumers. Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric power industry participant for providing electrical service.

**Sensitive data:** Data collected on the Form EIA-861 are not considered to be sensitive.

## Form EIA-923

Form EIA-923, "Power Plant Operations Report," is a monthly collection of data on receipts and cost of fossil fuels, fuel stocks, generation, consumption of fuel for generation, and environmental data (e.g. emission controls and cooling systems). Data are collected from a monthly sample of approximately 1,900 plants, which includes a census of nuclear and pumped storage hydroelectric plants. In addition approximately 4,050 plants, representing all other generators 1 MW or greater, are collected annually.



In addition to electric power generating plants, respondents include fuel storage terminals without generating capacity that receive shipments of fossil fuels for eventual use in electric power generation. The monthly data are due by the last day of the month following the reporting period.

Receipts of fossil fuels, fuel cost and quality information, and fuel stocks at the end of the reporting period are all reported at the plant level. Plants that burn organic fuels and have a steam turbine capacity of at least 10 megawatts report consumption at the boiler level and generation at the generator level. For all other plants, consumption is reported at the prime-mover level. For these plants, generation is reported either at the prime-mover level or, for noncombustible sources (e.g. wind, nuclear), at the prime-mover and energy source level. The source and disposition of electricity is reported annually for nonutilities at the plant level as is revenue from sales for resale. Environmental data are collected annually from facilities that have a steam turbine capacity of at least 10 megawatts.

### **Instrument and design history:**

#### *Receipts and cost and quality of fossil fuels*

On July 7, 1972, the Federal Power Commission (FPC) issued Order Number 453 enacting the New Code of Federal Regulations, Section 141.61, legally creating the FPC Form 423. Originally, the form was used to collect data only on fossil steam plants, but was amended in 1974 to include data on internal-combustion and combustion-turbine units. The FERC Form 423 replaced the FPC Form 423 in January 1983. The FERC Form 423 eliminated peaking units, for which data were previously collected on the FPC Form 423. In addition, the generator nameplate capacity threshold was changed from 25 megawatts to 50 megawatts. This reduction in coverage eliminated approximately 50 utilities and 250 plants. All historical FPC Form 423 data in this publication were revised to reflect the new generator-nameplate-capacity threshold of 50 or more megawatts reported on the FERC Form 423. In January 1991, the collection of data on the FERC Form 423 was extended to include combined cycle units. Historical data have not been revised to include these units. Starting with the January 1993 data, the FERC began to collect the data directly from the respondents.

The Form EIA-423 was originally implemented in January 2002 to collect monthly cost and quality data for fossil fuel receipts from owners or operators of nonutility electricity generating plants. Due to the restructuring of the electric power industry, many plants which had historically submitted this information for utility plants on the FERC Form 423 (see above) were being transferred to the nonutility sector. As a result, a large percentage of fossil fuel receipts were no longer being reported. The Form EIA-423 was implemented to fill this void and to capture the data associated with existing non-regulated power producers. Its design closely followed that of the FERC Form 423.

Both the Form EIA-423 and FERC Form 423 were superseded by Form EIA-923 (Schedule 2) in January of 2008. The Form EIA-923 maintains the 50-megawatt threshold for these data. However, not all data are collected monthly on the new form. Beginning with 2008 data, a sample of the respondents will report monthly, with the remainder reporting annually (monthly values will be imputed via regression). For 2007, Schedule 2 annual data was not collected or imputed. Most of the plants required to report on Schedule 2 already submitted their 2007 receipts data on a monthly basis.

### *Generation, consumption, and stocks*

The Bureau of Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry prior to 1936. After 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Section 311 and 312, and FPC Order 141 defined the legislative authority to collect power production data. The Form EIA-759 replaced the Form FPC-4 in January 1982.

In 1996, the Form EIA-900 was initiated to collect sales for resale data from unregulated entities<sup>14</sup>. In 1998, the form was modified to collect sales for resale, gross generation, and sales to end user data. In 1999, the form was modified to collect net generation, consumption, and ending stock data<sup>15</sup>. In 2000, the form was modified to include the production of useful thermal output data.

In January 2001, Form EIA-906 superseded Forms EIA-759 and EIA-900. In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906. The Federal Energy Administration Act of 1974 (Public Law 93 275) defines the legislative authority to collect these data.

Forms EIA-906 and EIA-920 were superseded by survey Form EIA-923 beginning in January 2008 with the collection of annual 2007 data and monthly 2008 data.

**Data processing and data system editing:** Respondents are encouraged to enter data directly into a computerized database via the Internet Data Collection (IDC) system. A variety of automated quality control mechanisms are run during this process, such as range checks and comparisons with historical data. These edit checks were performed as the data were provided, and many problems that are encountered are resolved during the reporting process. Those plants that are unable to use the electronic reporting medium provide the data in hard copy, typically via fax. These data were manually entered into the computerized database. The data were subjected to the same edits as those that were electronically submitted.

If the reported data appeared to be in error and the data issue could not be resolved by follow up contact with the respondent, or if a facility was a nonrespondent, a regression methodology was used to impute for the facility.

**Imputation:** For data collected monthly, regression prediction, or imputation, is done for all missing data including non-sampled units and any non-respondents. For data collected annually, imputation is performed for non-respondents. For gross generation and total fuel consumption, multiple regression is used for imputation (see discussion, above). Only approximately 0.02 percent of the national total generation for 2010 is imputed, although this will vary by State and energy source.

When gross generation is reported and net generation is not available, net generation is estimated by using a fixed ratio to gross generation by prime-mover type and installed environmental equipment. These ratios are:

Net Generation = (Factor) x Gross Generation
<u>Prime Movers:</u>
Combined Cycle Steam - 0.97
Combined Cycle Single Shaft - 0.97
Combined Cycle Combustion Turbine - 0.97
Compressed Air - 0.97
Fuel Cell - 0.99
Gas Turbine - 0.98
Hydroelectric Turbine - 0.99
Hydroelectric Pumped Storage - 0.99
Internal Combustion Engine - 0.98
Other - 0.97
Photovoltaic - 0.99
Steam Turbine - 0.97
Wind Turbine - 0.99
<u>Environmental Equipment:</u>
Flue Gas Desulfurization - 0.97
Flue Gas Particulate 0.99
All Others - 0.97

For stocks, a linear combination of the prior month's ending stocks value and the current month's consumption and receipts values are used.

**Receipts of fossil fuels:** Receipts data, including cost and quality of fuels, are collected at the plant level from selected electric generating plants and fossil-fuel storage terminals in the United States. These plants include independent power producers, electric utilities, and commercial and industrial combined heat and power producers whose total fossil-fueled nameplate capacity is 50 megawatts or more (excluding storage terminals, which do not produce electricity). The data on cost and quality of fuel shipments are then used to produce aggregates and weighted averages for each fuel type at the State, Census division, and U.S. levels.

For coal, units for receipts are in tons and units for average heat contents (A) are in million Btu per ton.

For petroleum, units for receipts are in barrels and units for average heat contents (A) are in million Btu per barrel.

For gas, units for receipts are in thousand cubic feet (Mcf) and units for average heat contents (A) are in million Btu per thousand cubic foot.

**Power production, fuel stocks, and fuel consumption data:** The Bureau of Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry prior to 1936. After 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the Form FPC-4. The Federal Power Act, Section 311 and 312, and FPC Order 141 defined the legislative authority to collect power production data. The Form EIA-759 replaced the Form FPC-4 in January 1982.

In 1996, the Form EIA-900 was initiated to collect sales for resale data from unregulated entities. In 1998, the form was modified to collect sales for resale, gross generation, and sales to end user data. In 1999, the form was modified to collect net generation, consumption, and ending stock data. In 2000, the form was modified to include the production of useful thermal output data.

In January 2001, Form EIA-906 superseded Forms EIA-759 and EIA-900. In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906. The Federal Energy Administration Act of 1974 (Public Law 93 275) defines the legislative authority to collect these data.

In January 2004, Form EIA-920 superseded Form EIA-906 for those plants defined as combined heat and power plants; all other plants that generate electricity continue to report on Form EIA-906.

In January 2008, Form EIA-923 superseded both the Forms EIA-906 and EIA-920 for the collection of these data.

**Methodology to estimate biogenic and non-biogenic municipal solid waste<sup>2</sup>:** Municipal solid waste (MSW) consumption for generation of electric power is split into its biogenic and non-biogenic components beginning with 2001 data by the following methodology:

The tonnage of MSW consumed is reported on the Form EIA-923. The composition of MSW and categorization of the components were obtained from the Environmental Protection Agency publication, *Municipal Solid Waste in the United States: 2005 Facts and Figures*. The Btu contents of the components of MSW were obtained from various sources.

The potential quantities of combustible MSW discards (which include all MSW material available for combustion with energy recovery, discards to landfill, and other disposal) were multiplied by their respective Btu contents. The EPA-based categories of MSW were then classified into renewable and non-renewable groupings. From this, EIA calculated how much of the energy potentially consumed from MSW was attributed to biogenic components and how much to non-biogenic components (see Tables 1 and 2, below).<sup>3</sup>

These values are used to allocate net generation published in the Electric Power Monthly generation tables. The tons of biogenic and non-biogenic components were estimated with the assumption that glass and metals were removed prior to combustion. The average Btu/ton for the biogenic and non-biogenic components is estimated by dividing the total Btu consumption by the total tons. Published net generation attributed to biogenic MSW and non-biogenic MSW is classified under Other Renewables and Other, respectively.

**Table 1. Btu consumption for biogenic and non-biogenic municipal solid waste (percent)**

	2001	2002	2003	2004	2005	2006
Biogenic	57	56	55	55	56	56
Non-biogenic	43	44	45	45	44	44

**Table 2. Tonnage consumption for biogenic and non-biogenic municipal solid waste (percent)**

	2001	2002	2003	2004	2005	2006
Biogenic	77	77	76	76	75	75
Non-biogenic	23	23	24	24	25	25

**Useful thermal output:** With the implementation of the Form EIA-923, “Power Plant Operations Report,” in 2008, combined heat and power (CHP) plants are required to report total fuel consumed and electric power generation. Beginning with the January 2008 data, EIA will estimate the allocation of the total fuel consumed at CHP plants between electric power generation and useful thermal output.

First, an efficiency factor is determined for each plant and prime mover type. Based on data for electric power generation and useful thermal output collected in 2003 (on Form EIA-906, “Power Plant Report”) efficiency was calculated for each prime mover type at a plant. The efficiency factor is the total output in Btu, including electric power and useful thermal output (UTO), divided by the total input in Btu. Electric power is converted to Btu at 3,412 Btu per kilowatt-hour.

Second, to calculate the amount of fuel for electric power, the gross generation in Btu is multiplied by the efficiency factor. The fuel for UTO is the difference between the total fuel reported and the fuel for electric power generation. UTO is calculated by multiplying the fuel for UTO by the efficiency factor.

In addition, if the total fuel reported is less than the estimated fuel for electric power generation, then the fuel for electric power generation is equal to the total fuel consumed, and the UTO will be zero.

**Conversion of petroleum coke to liquid petroleum:** The quantity conversion is 5 barrels (of 42 U.S. gallons each) per short ton (2,000 pounds).

#### Issues within historical data series:

##### *Receipts and cost and quality of fossil fuels*

Values for receipts of natural gas for 2001 forward do not include blast furnace gas or other gas.

Historical data collected on FERC Form 423 and published by EIA have been reviewed for consistency between volumes and prices and for their consistency over time. However, these data were collected by FERC for regulatory rather than statistical and publication purposes. EIA did not attempt to resolve any late filing issues in the FERC Form 423 data. In 2003, EIA introduced a procedure to estimate for late

or non-responding entities due to report on the FERC Form 423. Due to the introduction of this procedure, 2003 and later data cannot be directly compared to previous years' data.

Prior to 2008, regulated plants reported receipts data on the FERC Form 423. These plants, along with unregulated plants, now report receipts data on Schedule 2 of Form EIA-923. Because FERC issued waivers to the FERC Form 423 filing requirements to some plants who met certain criteria, and because not all types of generators were required to report (only steam turbines and combined-cycle units reported), a significant number of plants either did not submit fossil fuel receipts data or submitted only a portion of their fossil fuel receipts. Since Form EIA-923 does not have exemptions based on generator type or reporting waivers, receipts data from 2008 and later cannot be directly compared to previous years' data for the regulated sector. Furthermore, there may be a notable increase in fuel receipts beginning with January 2008 data.

Starting with the revised data for 2008, tables for total receipts begin to reflect estimation for all plants with capacity over 1 megawatt, to be consistent with other electric power data. Previous receipts data published have been a legacy of their original collection as information for a regulatory agency, not as a survey to provide more meaningful estimates of totals for statistical purposes. Totals appeared to become smaller as more electric production came from unregulated plants, until the Form EIA-423 was created to help fill that gap. As a further improvement, estimation of all receipts for the universe normally depicted in the EPM (i.e., 1 megawatt and above), with associated relative standard errors, provides a more complete assessment of the market.

#### *Generation and consumption*

Beginning in 2008, a new method of allocating fuel consumption between electric power generation and useful thermal output (UTO) was implemented. This new methodology evenly distributes a combined heat and power (CHP) plant's losses between the two output products (electric power and UTO). In the historical data, UTO was consistently assumed to be 80 percent efficient and all other losses at the plant were allocated to electric power. This change causes the fuel for electric power to be decreased while the fuel for UTO is increased as both are given the same efficiency. This results in the appearance of an increase in efficiency of production of electric power between periods.

**Sensitive data:** Most of the data collected on the Form EIA-923 are not considered business sensitive. However, the cost of fuel delivered to nonutilities, commodity cost of fossil fuels, and reported fuel stocks at the end of the reporting period are considered business sensitive and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

## **NERC classification**

The Florida Reliability Coordinating Council (FRCC) separated itself from the Southeastern Electric Reliability Council (SERC) in the mid-1990s. In 1998, several utilities realigned from Southwest Power Pool (SPP) to SERC. Name changes altered both the Mid-Continent Area Power Pool (MAPP) to the Midwest Reliability Organization (MRO) and the Western Systems Coordinating Council (WSCC) to the Western Energy Coordinating Council (WECC). The MRO membership boundaries have altered over time, but WECC membership boundaries have not. The utilities in the associated regional entity

identified as the Alaska System Coordination Council (ASCC) dropped their formal participation in NERC. Both the States of Alaska and Hawaii are not contiguous with the other continental States and have no electrical interconnections. At the close of calendar year 2005, the following reliability regional councils were dissolved: East Central Area Reliability Coordinating Agreement (ECAR), Mid-Atlantic Area Council (MAAC), and Mid-America Interconnected Network (MAIN).

On January 1, 2006, the ReliabilityFirst Corporation (RFC) came into existence as a new regional reliability council. Individual utility membership in the former ECAR, MAAC, and MAIN councils mostly shifted to RFC. However, adjustments in membership as utilities joined or left various reliability councils impacted MRO, SERC, and SPP. The Texas Regional Entity (TRE) was formed from a delegation of authority from NERC to handle the regional responsibilities of the Electric Reliability Council of Texas (ERCOT). The revised delegation agreements covering all the regions were approved by the Federal Energy Regulatory Commission on March 21, 2008. Reliability Councils that are unchanged include: Florida Reliability Coordinating Council (FRCC), Northeast Power Coordinating Council (NPCC), and the Western Energy Coordinating Council (WECC

The new NERC Regional Council names are as follows:

- Florida Reliability Coordinating Council (FRCC),
- Midwest Reliability Organization (MRO),
- Northeast Power Coordinating Council (NPCC),
- ReliabilityFirst Corporation (RFC),
- Southeastern Electric Reliability Council (SERC),
- Southwest Power Pool (SPP),
- Texas Regional Entity (TRE), and
- Western Energy Coordinating Council (WECC).

## Business classification

Nonutility power producers consist of corporations, persons, agencies, authorities, or other legal entities that own or operate facilities for electric generation but are not electric utilities. This includes qualifying cogenerators, small power producer, and independent power producers. Furthermore, nonutility power producers do not have a designated franchised service area. In addition to entities whose primary business is the production and sale of electric power, entities with other primary business classifications can and do sell electric power. These can consist of manufacturing, agricultural, forestry, transportation, finance, service and administrative industries, based on the Office of Management and Budget's Standard Industrial Classification (SIC) Manual. In 1997, the SIC Manual name was changed to North American Industry Classification System (NAICS). The following is a list of the main classifications and the category of primary business activity within each classification.

### Agriculture, Forestry, and Fishing

- 111 Agriculture production-crops
- 112 Agriculture production, livestock and animal specialties
- 113 Forestry
- 114 Fishing, hunting, and trapping
- 115 Agricultural services

**Mining**

- 211 Oil and gas extraction
- 2121 Coal mining
- 2122 Metal mining
- 2123 Mining and quarrying of nonmetallic minerals except fuels

**Construction**

23

**Manufacturing**

- 311 Food and kindred products
- 3122 Tobacco products
- 314 Textile and mill products
- 315 Apparel and other finished products made from fabrics and similar materials
- 316 Leather and leather products
- 321 Lumber and wood products, except furniture
- 322 Paper and allied products (other than 322122 or 32213)
- 322122 Paper mills, except building paper
- 32213 Paperboard mills
- 323 Printing and publishing
- 324 Petroleum refining and related industries (other than 32411)
- 32411 Petroleum refining
- 325 Chemicals and allied products (other than 325188, 325211, 32512, or 325311)
- 32512 Industrial organic chemicals
- 325188 Industrial Inorganic Chemicals
- 325211 Plastics materials and resins
- 325311 Nitrogenous fertilizers
- 326 Rubber and miscellaneous plastic products
- 327 Stone, clay, glass, and concrete products (other than 32731)
- 32731 Cement, hydraulic
- 331 Primary metal industries (other than 331111 or 331312)
- 331111 Blast furnaces and steel mills
- 331312 Primary aluminum
- 332 Fabricated metal products, except machinery and transportation equipment
- 333 Industrial and commercial equipment and components except computer equipment
- 3345 Measuring, analyzing, and controlling instruments, photographic, medical, and optical goods, watches and clocks
- 335 Electronic and other electrical equipment and components except computer equipment
- 336 Transportation equipment
- 337 Furniture and fixtures
- 339 Miscellaneous manufacturing industries



### **Transportation and Public Utilities**

- 22 Electric, gas, and sanitary services
- 2212 Natural gas transmission
- 2213 Water supply
- 22131 Irrigation systems
- 22132 Sewerage systems
- 481 Transportation by air
- 482 Railroad transportation
- 483 Water transportation
- 484 Motor freight transportation and warehousing
- 485 Local and suburban transit and interurban highway passenger transport
- 486 Pipelines, except natural gas
- 487 Transportation services
- 491 United States Postal Service
- 513 Communications
- 562212 Refuse systems

### **Wholesale Trade**

421 to 422

### **Retail Trade**

441 to 454

### **Finance, Insurance, and Real Estate**

521 to 533

### **Services**

- 512 Motion pictures
- 514 Business services
  - 514199 Miscellaneous services
- 541 Legal services
- 561 Engineering, accounting, research, management, and related services
- 611 Education services
- 622 Health services
- 624 Social services
- 712 Museums, art galleries, and botanical and zoological gardens
- 713 Amusement and recreation services
- 721 Hotels
- 811 Miscellaneous repair services
- 8111 Automotive repair, services, and parking
- 812 Personal services
- 813 Membership organizations
- 814 Private households

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**Public Administration**

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<sup>1</sup> The basic technique employed is described in the paper “Model-Based Sampling and Inference,” on the EIA website. Additional references can be found on the InterStat website (<http://interstat.statjournals.net/>). See the following sources: Knaub, J.R., Jr. (1999a), “Using Prediction-Oriented Software for Survey Estimation,” InterStat, August 1999, <http://interstat.statjournals.net/>; Knaub, J.R. Jr. (1999b), “Model-Based Sampling, Inference and Imputation,” EIA web site: <http://www.eia.gov/cneaf/electricity/forms/eiawebme.pdf>; Knaub, J.R., Jr. (2005), “Classical Ratio Estimator,” InterStat, October 2005, <http://interstat.statjournals.net/>; Knaub, J.R., Jr. (2007a), “Cutoff Sampling and Inference,” InterStat, April 2007, <http://interstat.statjournals.net/>; Knaub, J.R., Jr. (2008), “Cutoff Sampling.” Definition in Encyclopedia of Survey Research Methods, Editor: Paul J. Lavrakas, Sage, to appear; Knaub, J.R., Jr. (2000), “Using Prediction-Oriented Software for Survey Estimation - Part II: Ratios of Totals,” InterStat, June 2000, <http://interstat.statjournals.net/>; Knaub, J.R., Jr. (2001), “Using Prediction-Oriented Software for Survey Estimation - Part III: Full-Scale Study of Variance and Bias,” InterStat, June 2001, <http://interstat.statjournals.net/>.

<sup>2</sup> See the following sources: Bahillo, A. et al. Journal of Energy Resources Technology, “NOx and N2O Emissions During Fluidized Bed Combustion of Leather Wastes.” Volume 128, Issue 2, June 2006. pp. 99-103; U.S. Energy Information Administration. *Renewable Energy Annual 2004*. “Average Heat Content of Selected Biomass Fuels.” Washington, DC, 2005; Penn State Agricultural College Agricultural and Biological Engineering and Council for Solid Waste Solutions. Garth, J. and Kowal, P. Resource Recovery, Turning Waste into Energy, University Park, PA, 1993; Utah State University Recycling Center Frequently Asked Questions. Published at <http://www.usu.edu/recycle/faq.htm>. Accessed December 2006.

<sup>3</sup> Biogenic components include newsprint, paper, containers and packaging, leather, textiles, yard trimmings, food wastes, and wood. Non-biogenic components include plastics, rubber and other miscellaneous non-biogenic waste.

**Table C1. Average Heat Content of Fossil-Fuel Receipts, June 2012**

Census Division and State	Coal (Million Btu per Ton)	Petroleum Liquids (Million Btu per Barrel)	Petroleum Coke (Million Btu per Ton)	Natural Gas (Million Btu per Thousand Cubic Feet)
New England	23.81	5.95	--	1.03
Connecticut	--	6.02	--	1.03
Maine	25.38	5.90	--	1.04
Massachusetts	23.36	5.84	--	1.03
New Hampshire	--	6.08	--	1.03
Rhode Island	--	5.82	--	1.03
Vermont	--	5.72	--	1.02
Middle Atlantic	22.60	5.95	28.84	1.03
New Jersey	25.96	6.03	--	1.03
New York	22.78	6.01	28.84	1.03
Pennsylvania	22.53	5.81	28.84	1.03
East North Central	20.22	5.78	28.70	1.02
Illinois	17.93	5.78	--	1.01
Indiana	21.82	5.79	--	1.01
Michigan	19.50	5.81	28.58	1.02
Ohio	23.98	5.76	28.84	1.02
Wisconsin	18.28	5.86	28.72	1.02
West North Central	16.74	5.82	--	1.03
Iowa	17.33	5.79	--	1.02
Kansas	17.39	5.79	--	1.02
Minnesota	17.73	5.87	--	1.03
Missouri	17.66	5.80	--	1.03
Nebraska	17.00	5.78	--	1.02
North Dakota	13.24	5.87	--	1.02
South Dakota	16.58	5.97	--	1.02
South Atlantic	23.58	5.96	28.49	1.02
Delaware	25.75	5.72	--	1.02
District of Columbia	--	--	--	--
Florida	23.69	5.88	--	1.01
Georgia	20.87	6.08	28.49	1.01
Maryland	24.18	5.83	--	1.04
North Carolina	24.56	6.11	--	1.02
South Carolina	25.03	6.00	--	1.03
Virginia	24.85	5.90	--	1.04
West Virginia	24.21	5.79	--	1.04
East South Central	21.63	5.75	28.78	1.01
Alabama	20.96	5.72	--	1.02
Kentucky	22.60	5.83	28.78	1.03
Mississippi	19.59	5.79	--	1.01
Tennessee	21.19	5.73	--	1.02
West South Central	15.84	5.79	28.91	1.02
Arkansas	17.42	5.76	--	1.02
Louisiana	16.21	5.92	28.96	1.02
Oklahoma	17.30	5.96	28.84	1.03
Texas	15.29	5.77	28.84	1.02
Mountain	18.98	5.63	28.98	1.03
Arizona	19.25	5.74	--	1.03
Colorado	19.21	5.29	--	1.06
Idaho	22.93	5.78	--	1.01
Montana	16.81	5.05	28.98	1.02
Nevada	20.32	5.80	--	1.03
New Mexico	18.28	5.70	--	1.03
Utah	21.66	5.82	--	1.04
Wyoming	17.76	5.61	--	1.00
Pacific Contiguous	21.08	5.71	28.84	1.03
California	23.23	5.73	28.84	1.03
Oregon	--	5.84	--	1.03
Washington	17.09	5.52	--	1.01
Pacific Noncontiguous	18.40	6.08	--	1.01
Alaska	16.68	5.41	--	1.01
Hawaii	20.29	6.15	--	--
U.S. Total	19.35	6.00	28.84	1.02

'Coal' includes anthracite, bituminous, subbituminous, lignite, waste coal and coal synfuel.

'Petroleum Liquids' include distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil.

'Natural Gas' includes a small amount of supplemental gaseous fuels.

Notes: See Glossary for definitions. Values are preliminary. Data represents weighted values.

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

**Table C2. Comparison of preliminary monthly data versus final monthly data at the U.S. level, 2008 through 2010**

Item	Mean absolute value of change (percent)		
	Total (all sectors)		
	2008	2009	2010
<b>Net Generation</b>			
Coal <sup>1</sup>	.44	.49	.20
Petroleum Liquids <sup>2</sup>	2.82	1.45	1.88
Petroleum Coke	1.40	1.48	1.75
Natural Gas <sup>3</sup>	.69	.45	.76
Other Gases	2.37	1.48	1.55
Hydroelectric <sup>4</sup>	2.73	.90	.97
Nuclear	*	.01	--
Other	2.94	2.64	.78
<b>Total</b>	<b>.22</b>	<b>.11</b>	<b>.17</b>
<b>Consumption of Fossil Fuels for Electric Generation</b>			
Coal <sup>1</sup>	.32	.36	.11
Petroleum Liquids <sup>2</sup>	3.54	1.80	1.49
Petroleum Coke	1.64	1.27	1.50
Natural Gas <sup>3</sup>	.95	.47	.70
<b>Fuel Stocks<sup>6</sup></b>			
Coal <sup>1</sup>	.79	.10	.18
Petroleum Liquids <sup>2</sup>	--	--	--
Petroleum Coke	--	--	--
<b>Retail Sales</b>			
Residential	.05	.12	.32
Commercial <sup>7</sup>	1.22	1.20	.14
Industrial <sup>7</sup>	2.76	4.03	.90
Other <sup>8</sup>	--	--	--
Transportation <sup>7</sup>	.66	1.63	2.18
<b>Total</b>	<b>.31</b>	<b>.60</b>	<b>.17</b>
<b>Revenue</b>			
Residential <sup>7</sup>	.77	.22	.70
Commercial <sup>7</sup>	.36	1.59	.61
Industrial	.33	3.59	.66
Other <sup>8</sup>	--	--	--
Transportation <sup>7</sup>	4.05	3.48	4.24
<b>Total</b>	<b>.47</b>	<b>.14</b>	<b>.45</b>

**Table C2. Comparison of preliminary monthly data versus final monthly data at the U.S. level, 2008 through 2010 (continued)**

Item	Mean absolute value of change (percent)		
	Total (all sectors)		
	2008	2009	2010
<b>Average Retail Price</b>			
Residential	.83	.34	.43
Commercial <sup>7</sup>	.88	.41	.67
Industrial <sup>7</sup>	2.67	.57	.41
Other <sup>8</sup>	--	--	--
Transportation <sup>7</sup>	4.66	4.60	3.87
<b>Total</b>	<b>.78</b>	<b>.70</b>	<b>.55</b>
<b>Receipts of Fossil Fuels</b>			
Coal <sup>1</sup>	.05	.11	.07
Petroleum Liquids <sup>2</sup>	1.05	.92	.49
Petroleum Coke	.92	.73	.45
Natural Gas <sup>3</sup>	.08	.10	.10
<b>Cost of Fossil Fuels<sup>1</sup></b>			
Coal <sup>1</sup>	.04	.02	.01
Petroleum Liquids <sup>2</sup>	.22	.41	.03
Petroleum Coke	1.17	.16	.29
Natural Gas <sup>3</sup>	.16	.11	.02

<sup>1</sup>Anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.

<sup>2</sup>Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil. In 2004 petroleum stocks exclude waste oil.

<sup>3</sup>Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately. Excludes blast furnace gas and other gases.

<sup>4</sup>Includes conventional hydroelectric and hydroelectric pumped storage facilities.

<sup>5</sup>Includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

<sup>6</sup>Stocks are end-of-month values.

<sup>7</sup>See technical notes (<http://www.eia.gov/cneaf/electricity/epm/appenc.pdf>) for additional information on the Commercial, Industrial and Transportation sectors.

<sup>8</sup>Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

<sup>9</sup>Data represent weighted values.

\*\* = Value is less than 0.005.

Notes:

- Change refers to the difference between estimates or preliminary monthly data published in the Electric Power Monthly (EPM) and the final monthly data published in the EPM.
- Values for 2010 are final.

Sources: U.S. Energy Information Administration, Form EIA-923 "Power Plant Operations Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report;" Form EIA-906, "Power Plant Report;" Form EIA-920 "Combined Heat and Power Plant Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table C3. Comparison of annual monthly estimates versus annual data at the U.S. level, all sectors 2008 through 2010**

Item	2008			2009			2010		
	Annual monthly estimates	Annual final	Change (percent)	Annual monthly estimates	Annual final	Change (percent)	Annual monthly estimates	Annual final	Change (percent)
<b>Net Generation (thousand megawatthours)</b>									
Coal <sup>1</sup>	1,994,385	1,985,801	-4	1,764,486	1,755,904	-5	1,850,750	1,847,290	-2
Petroleum Liquids <sup>2</sup>	31,162	31,917	2.4	25,792	25,972	.7	23,397	23,337	-3
Petroleum Coke	14,192	14,325	.9	13,035	12,964	-5	13,528	13,724	1.5
Natural Gas <sup>3</sup>	876,948	882,981	.7	920,378	920,979	.1	981,815	987,693	.6
Other Gases	11,573	11,707	1.2	10,698	10,632	-6	11,193	11,313	1.1
Hydroelectric <sup>4</sup>	241,847	248,543	2.8	267,784	268,818	.4	252,961	254,702	.7
Nuclear	806,182	806,208	--	798,745	798,855	*	806,968	806,968	--
Other <sup>5</sup>	133,971	137,905	2.9	152,193	156,207	2.6	179,416	182,617	1.8
<b>Total</b>	<b>4,110,259</b>	<b>4,119,388</b>	<b>.2</b>	<b>3,953,111</b>	<b>3,950,331</b>	<b>-1</b>	<b>4,120,028</b>	<b>4,127,644</b>	<b>.2</b>
<b>Consumption of Fossil Fuels for Electric Generation</b>									
Coal 1,000 tons <sup>1</sup>	1,043,589	1,042,335	-1	938,059	934,683	-4	979,555	979,644	*
Petroleum Liquids (1,000 barrels) <sup>2</sup>	52,268	53,846	3.0	43,672	43,562	-3	40,041	40,103	.2
Petroleum Coke (1,000 tons)	5,396	5,417	.4	4,855	4,821	-7	4,956	4,994	.8
Natural Gas (1,000 Mcf) <sup>3</sup>	6,833,398	6,895,843	.9	7,104,600	7,121,069	.2	7,633,469	7,680,170	.6
<b>Fuel Stocks for Electric Power Sector<sup>6</sup></b>									
Coal (1,000 tons) <sup>1</sup>	163,056	161,589	-9	189,971	189,467	-3	175,160	174,917	-1
Petroleum Liquids (1,000 barrels) <sup>2</sup>	42,737	40,804	-4.5	38,699	39,210	1.3	36,126	35,706	-1.2
Petroleum Coke (1,000 tons)	794	739	-7.0	1,395	1,394	-1	1,087	1,019	-6.3
<b>Retail Sales (million kWh)</b>									
Residential	1,379,307	1,379,981	.1	1,362,869	1,364,474	.1	1,450,758	1,445,707	-4
Commercial <sup>7</sup>	1,352,453	1,335,981	-1.2	1,322,989	1,307,168	-1.2	1,329,322	1,328,603	-1
Industrial <sup>7</sup>	982,150	1,009,300	2.8	881,903	917,442	4.0	962,165	962,245	*
Other <sup>8</sup>	--	--	--	--	--	--	--	--	--
Transportation <sup>7</sup>	7,652	7,700	.6	7,689	7,781	1.2	7,740	7,712	-4
<b>Total</b>	<b>3,721,562</b>	<b>3,732,962</b>	<b>.3</b>	<b>3,575,450</b>	<b>3,596,865</b>	<b>.6</b>	<b>3,749,985</b>	<b>3,744,267</b>	<b>-2</b>
<b>Retail Revenue (million dollars)</b>									
Residential	156,633	155,433	-8	157,351	157,008	-2	167,957	166,778	-7
Commercial <sup>7</sup>	138,970	138,469	-4	135,084	132,940	-1.6	136,361	135,440	-7
Industrial <sup>7</sup>	68,889	68,920	*	60,341	62,504	3.6	65,311	65,157	-2
Other <sup>8</sup>	--	--	--	--	--	--	--	--	--
Transportation <sup>7</sup>	863	827	-4.2	859	828	-3.6	848	814	-4.0

**Table C3. Comparison of annual monthly estimates versus annual data at the U.S. level, all sectors 2008 through 2010 (continued)**

Item	2008			2009			2010		
	Annual monthly estimates	Annual final	Change (percent)	Annual monthly estimates	Annual final	Change (percent)	Annual monthly estimates	Annual final	Change (percent)
Transportation <sup>7</sup>	863	827	-4.2	859	828	-3.6	848	814	-4.0
<b>Total</b>	<b>365,355</b>	<b>363,650</b>	<b>-5</b>	<b>353,635</b>	<b>353,280</b>	<b>-1</b>	<b>370,477</b>	<b>368,189</b>	<b>-6</b>
<b>Average Retail Price (cents/kWh)</b>									
Residential	11.36	11.26	-9	11.55	11.51	-4	11.58	11.54	-4
Commercial <sup>7</sup>	10.28	10.36	.8	10.21	10.17	-4	10.26	10.19	-7
Industrial <sup>7</sup>	7.01	6.83	-2.6	6.84	6.81	-4	6.79	6.77	-3
Other <sup>8</sup>	--	--	--	--	--	--	--	--	--
Transportation <sup>7</sup>	11.28	10.74	-4.8	11.17	10.65	-4.7	10.96	10.56	-3.7
<b>Total</b>	<b>9.82</b>	<b>9.74</b>	<b>-8</b>	<b>9.89</b>	<b>9.82</b>	<b>-7</b>	<b>9.88</b>	<b>9.83</b>	<b>-5</b>
<b>Receipts of Fossil Fuels</b>									
Coal (1,000 tons) <sup>1</sup>	1,073,906	1,069,709	-4	972,973	981,477	.9	976,052	979,918	.4
Petroleum Liquids (1,000 barrels) <sup>2</sup>	66,647	61,139	-8.3	50,184	54,181	8.0	46,156	45,472	-1.5
Petroleum Coke (1,000 tons)	7,361	7,040	-4.4	6,570	6,954	5.9	5,868	5,963	1.6
Natural Gas (1,000 Mcf) <sup>3</sup>	7,825,970	7,879,046	.7	8,096,135	8,118,550	.3	8,605,619	8,673,070	.8
<b>Cost of Fossil Fuels (dollars per million Btu)<sup>9</sup></b>									
Coal <sup>1</sup>	2.07	2.07	--	2.21	2.21	--	2.27	2.27	--
Petroleum Liquids <sup>2</sup>	15.56	15.52	-3	9.95	10.26	3.1	14.03	14.02	-1
Petroleum Coke	1.92	2.11	9.9	1.62	1.61	-.6	2.23	2.28	2.2
Natural Gas <sup>3</sup>	9.11	9.02	-1.0	4.70	4.74	.9	5.08	5.09	.2

<sup>1</sup>Anthracite, bituminous, subbituminous, lignite, waste coal, and synthetic coal. Coal stocks exclude waste coal.

<sup>2</sup>Distillate fuel oil, residual fuel oil, jet fuel, kerosene, and waste oil. In 2004 petroleum stocks exclude waste oil.

<sup>3</sup>Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately. Excludes blast furnace gas and other gases.

<sup>4</sup>Includes conventional hydroelectric and hydroelectric pumped storage facilities.

<sup>5</sup>Includes geothermal, wood, waste, wind, and solar, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

<sup>6</sup>Stocks are end-of-month values.

<sup>7</sup>See technical notes (<http://www.eia.gov/cneaf/electricity/epm/appenc.pdf>) for additional information on the Commercial, Industrial and Transportation sectors.

<sup>8</sup>Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

<sup>9</sup>Data represent weighted values.

\*\* = Value is less than 0.05.

Notes: • The average revenue per kilowatthour is calculated by dividing revenue by sales. • Mean absolute value of change is the unweighted average of the absolute changes.

• Totals may not equal sum of components because of independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923 "Power Plant Operations Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" Form EIA-826, "Monthly Electric Sales and Revenue With State Distributions Report;" Form EIA-906, "Power Plant Report;" Form EIA-920 "Combined Heat and Power Plant Report;" and Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table C4. Unit of measure equivalents for electricity

Unit	Equivalent
Kilowatt (kW)	1,000 (One Thousand) Watts
Megawatt (MW)	1,000,000 (One Million) Watts
Gigawatt (GW)	1,000,000,000 (One Billion) Watts
Terawatt (TW)	1,000,000,000,000 (One Trillion) Watts
Gigawatt	1,000,000 (One Million) Kilowatts
Thousand Gigawatts	1,000,000,000 (One Billion) Kilowatts
Kilowatthours (kWh)	1,000 (One Thousand) Watthours
Megawatthours (MWh)	1,000,000 (One Million) Watthours
Gigawatthours (GWh)	1,000,000,000 (One Billion) Watthours
Terawatthours (TWh)	1,000,000,000,000 (One Trillion) Watthours
Gigawatthours	1,000,000 (One Million) Kilowatthours
Thousand Gigawatthours	1,000,000,000 (One Billion) Kilowatthours

Source: U.S. Energy Information Administration.



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## Glossary

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**Anthracite:** The highest rank of coal; used primarily for residential and commercial space heating. It is a hard, brittle, and black lustrous coal, often referred to as hard coal, containing a high percentage of fixed carbon and a low percentage of volatile matter. The moisture content of fresh-mined anthracite generally is less than 15 percent. The heat content of anthracite ranges from 22 to 28 million Btu per ton on a moist, mineral-matter-free basis. The heat content of anthracite coal consumed in the United States averages 25 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter). Note: Since the 1980's, anthracite refuse or mine waste has been used for steam electric power generation. This fuel typically has a heat content of 15 million Btu per ton or less.

**Ash:** Impurities consisting of silica, iron, aluminum, and other noncombustible matter that are contained in coal. Ash increases the weight of coal, adds to the cost of handling, and can affect its burning characteristics. Ash content is measured as a percent by weight of coal on a "received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

**Ash content:** The amount of ash contained in the fuel (except gas) in terms of percent by weight.

**Average Retail Price of Electricity (formerly known as Average Revenue per Kilowatthour):** The average revenue per kilowatthour of electricity sold by sector (residential, commercial, industrial, or other) and geographic area (State, Census division, and national), is calculated by dividing the total monthly revenue by the corresponding total monthly sales for each sector and geographic area.

**Barrel:** A unit of volume equal to 42 U.S. gallons.

**Biomass:** Organic non-fossil material of biological origin constituting a renewable energy resource.

**Bituminous coal:** A dense coal, usually black, sometimes dark brown, often with well-defined bands of bright and dull material, used primarily as fuel in steam-electric power generation, with substantial quantities also used for heat and power applications in manufacturing and to make coke. Bituminous coal is the most abundant coal in active U.S. mining regions. Its moisture content usually is less than 20 percent. The heat content of bituminous coal ranges from 21 to 30 million Btu per ton on a moist, mineral-matter-free basis. The heat content of bituminous coal consumed in the United States averages 24 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

**British thermal unit:** The quantity of heat required to raise the temperature of 1 pound of liquid water by 1 degree Fahrenheit at the temperature at which water has its greatest density (approximately 39 degrees Fahrenheit).

**Btu:** The abbreviation for British thermal unit(s).

**Capacity:** See Generator Capacity and Generator Name Plate Capacity (Installed).

**Census Divisions:** Any of nine geographic areas of the United States as defined by the U.S. Department of Commerce, Bureau of the Census. The divisions, each consisting of several States, are defined as follows:

- 1) *New England:* Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont;
- 2) *Middle Atlantic:* New Jersey, New York, and Pennsylvania;
- 3) *East North Central:* Illinois, Indiana, Michigan, Ohio, and Wisconsin;
- 4) *West North Central:* Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota;
- 5) *South Atlantic:* Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia;
- 6) *East South Central:* Alabama, Kentucky, Mississippi, and Tennessee;
- 7) *West South Central:* Arkansas, Louisiana, Oklahoma, and Texas;
- 8) *Mountain:* Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming;
- 9) *Pacific:* Alaska, California, Hawaii, Oregon, and Washington.

*Note:* Each division is a sub-area within a broader Census Region. In some cases, the Pacific division is subdivided into the Pacific Contiguous area (California, Oregon, and Washington) and the Pacific Noncontiguous area (Alaska and Hawaii).

**Coal:** A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

**Coal synfuel:** Coal-based solid fuel that has been processed by a coal synfuel plant; and coal-based fuels such as briquettes, pellets, or extrusions, which are formed from fresh or recycled coal and binding materials.

**Coke (petroleum):** A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

**Combined cycle:** An electric generating technology in which electricity is produced from otherwise lost waste heat exiting from one or more gas (combustion) turbine-generators. The exiting heat from the combustion turbine(s) is routed to a conventional boiler or to a heat recovery steam generator for utilization by a steam turbine in the production of additional electricity.

**Combined heat and power (CHP):** Includes plants designed to produce both heat and electricity from a single heat source. *Note:* This term is being used in place of the term "cogenerator" that was used by EIA in the past. CHP better describes the facilities because some of the plants included do not produce heat and power in a sequential fashion and, as a result, do not meet the legal definition of cogeneration specified in the Public Utility Regulatory Policies Act (PURPA).

**Commercial sector:** An energy-consuming sector that consists of service-providing facilities and equipment of: businesses; Federal, State, and local governments; and other private and public organizations, such as religious, social, or fraternal groups. The commercial sector includes institutional living quarters. It also includes sewage treatment facilities. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a wide variety of other equipment. *Note:* This sector includes generators that produce electricity and/or useful thermal output primarily to support the activities of the above-mentioned commercial establishments.

**Consumption (fuel):** The use of energy as a source of heat or power or as a raw material input to a manufacturing process.

**Cost:** The amount paid to acquire resources, such as plant and equipment, fuel, or labor services.

**Demand (electric):** The rate at which electric energy is delivered to or by a system, part of a system, or piece of equipment, at a given instant or averaged over any designated period of time.

**Diesel:** A distillate fuel oil that is used in diesel engines such as those used for transportation and for electric power generation.

**Distillate fuel oil:** *A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.*

1) *No. 1 Distillate:* A light petroleum distillate that can be used as either a diesel fuel (see No. 1 Diesel Fuel) or a fuel oil. See No. 1 Fuel Oil.

- *No. 1 Diesel fuel:* A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines, such as those in city buses and similar vehicles. See No. 1 Distillate above.
- *No. 1 Fuel oil:* A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See No. 1 Distillate above.

2) *No. 2 Distillate:* A petroleum distillate that can be used as either a diesel fuel (see No. 2 Diesel Fuel definition below) or a fuel oil. See No. 2 Fuel oil below.

- *No. 2 Diesel fuel:* A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See No. 2 Distillate above.

3) *No. 4 Fuel*: A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms with ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

- *No. 4 Diesel fuel and No. 4 Fuel oil*: See No. 4 Fuel above.

**Electric industry restructuring**: The process of replacing a monopolistic system of electric utility suppliers with competing sellers, allowing individual retail customers to choose their supplier but still receive delivery over the power lines of the local utility. It includes the reconfiguration of vertically integrated electric utilities.

**Electric plant (physical)**: A facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

**Electric power sector**: An energy-consuming sector that consists of electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public-- i. e., North American Industry Classification System 22 plants.

**Electric utility**: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. Note: Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, "electric utility" currently has inconsistent interpretations from State to State.

**Electricity**: A form of energy characterized by the presence and motion of elementary charged particles generated by friction, induction, or chemical change.

**Electricity generation**: The process of producing electric energy or the amount of electric energy produced by transforming other forms of energy, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

**Electricity generators**: The facilities that produce only electricity, commonly expressed in kilowatthours (kWh) or megawatthours (MWh).

**Energy**: The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while heat energy is usually measured in British thermal units.

**Energy conservation features:** This includes building shell conservation features, HVAC conservation features, lighting conservation features, any conservation features, and other conservation features incorporated by the building. However, this category does not include any demand-side management (DSM) program participation by the building. Any DSM program participation is included in the DSM Programs.

**Energy efficiency:** Refers to programs that are aimed at reducing the energy used by specific end-use devices and systems, typically without affecting the services provided. These programs reduce overall electricity consumption (reported in megawatthours), often without explicit consideration for the timing of program-induced savings. Such savings are generally achieved by substituting technically more advanced equipment to produce the same level of end-use services (e.g. lighting, heating, motor drive) with less electricity. Examples include high-efficiency appliances, efficient lighting programs, high-efficiency heating, ventilating and air conditioning (HVAC) systems or control modifications, efficient building design, advanced electric motor drives, and heat recovery systems.

**Energy service provider:** An energy entity that provides service to a retail or end-use customer.

**Energy source:** Any substance or natural phenomenon that can be consumed or transformed to supply heat or power. Examples include petroleum, coal, natural gas, nuclear, biomass, electricity, wind, sunlight, geothermal, water movement, and hydrogen in fuel cells.

**Energy-only service:** Retail sales services for which the company provided only the energy consumed, where another entity provides delivery services.

**Fossil fuel:** An energy source formed in the earth's crust from decayed organic material. The common fossil fuels are petroleum, coal, and natural gas.

**Franchised service area:** A specified geographical area in which a utility has been granted the exclusive right to serve customers. A franchise allows an entity to use city streets, alleys and other public lands in order to provide, distribute, and sell services to the community.

**Fuel:** Any material substance that can be consumed to supply heat or power. Included are petroleum, coal, and natural gas (the fossil fuels), and other consumable materials, such as uranium, biomass, and hydrogen.

**Gas:** A fuel burned under boilers and by internal combustion engines for electric generation. These include natural, manufactured and waste gas.

**Gas turbine plant:** An electric generating facility in which the prime mover is a gas (combustion) turbine. A gas turbine typically consists of an air compressor and one or more combustion chambers where either liquid or gaseous fuel is burned. The resulting hot gases are passed through the turbine where they expand to drive both an electric generator and the compressor.

**Generating unit:** Any combination of physically connected generators, reactors, boilers, combustion turbines, or other prime movers operated together to produce electric power.



**Generator:** A machine that converts mechanical energy into electrical energy.

**Generator capacity:** The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, adjusted for ambient conditions.

**Generator nameplate capacity (installed):** The maximum rated output of a generator, prime mover, or other electric power production equipment under specific conditions designated by the manufacturer. Installed generator nameplate capacity is commonly expressed in megawatts (MW) and is usually indicated on a nameplate physically attached to the generator.

**Geothermal:** Pertaining to heat within the Earth.

**Geothermal energy:** Hot water or steam extracted from geothermal reservoirs in the earth's crust. Water or steam extracted from geothermal reservoirs can be used for geothermal heat pumps, water heating, or electricity generation.

**Gigawatt (GW):** One billion watts.

**Gigawatthour (GWh):** One billion watthours.

**Gross generation:** The total amount of electric energy produced by generating units and measured at the generating terminal in kilowatthours (kWh) or megawatthours (MWh).

**Heat content:** The amount or number of British thermal units (Btu) produced by the combustion of fuel, measured in Btu/unit of measure.

**Hydroelectric power:** The production of electricity from the kinetic energy of falling water.

**Hydroelectric power generation:** Electricity generated by an electric power plant whose turbines are driven by falling water. It includes electric utility and industrial generation of hydroelectricity, unless otherwise specified. Generation is reported on a net basis, i.e., on the amount of electric energy generated after the electric energy consumed by station auxiliaries and the losses in the transformers that are considered integral parts of the station are deducted.

**Hydroelectric pumped storage:** Hydroelectricity that is generated during peak loads by using water previously pumped into an elevated storage reservoir during off-peak periods when excess generating capacity is available to do so. When additional generating capacity is needed, the water can be released from the reservoir through a conduit to turbine generators located in a power plant at a lower level.

**Hydrogen:** A colorless, odorless, highly flammable gaseous element. It is the lightest of all gases and the most abundant element in the universe, occurring chiefly in combination with oxygen in water and also in acids, bases, alcohols, petroleum, and other hydrocarbons.

**Independent power producer:** A corporation, person, agency, authority, or other legal entity or instrumentality that owns or operates facilities for the generation of electricity for use primarily by the public, and that is not an electric utility.

**Industrial sector:** An energy-consuming sector that consists of all facilities and equipment used for producing, processing, or assembling goods. The industrial sector encompasses the following types of activity: manufacturing (NAICS codes 31-33); agriculture, forestry, and hunting (NAICS code 11); mining, including oil and gas extraction (NAICS code 21); natural gas distribution (NAICS code 2212); and construction (NAICS code 23). Overall energy use in this sector is largely for process heat and cooling and powering machinery, with lesser amounts used for facility heating, air conditioning, and lighting. Fossil fuels are also used as raw material inputs to manufactured products. Note: This sector includes generators that produce electricity and/or useful thermal output primarily to support the above-mentioned industrial activities.

**Interdepartmental service (electric):** Interdepartmental service includes amounts charged by the electric department at tariff or other specified rates for electricity supplied by it to other utility departments.

**Internal combustion plant:** A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel or gas-fired engines are the principal types used in electric plants. The plant is usually operated during periods of high demand for electricity.

**Investor-owned utility (IOU):** A privately-owned electric utility whose stock is publicly traded. It is rate regulated and authorized to achieve an allowed rate of return.

**Jet fuel:** A refined petroleum product used in jet aircraft engines. It includes kerosene-type jet fuel and naphtha-type jet fuel.

**Kerosene:** A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil.

**Kilowatt (kW):** One thousand watts.

**Kilowatthour (kWh):** One thousand watthours.

**Light oil:** Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

**Lignite:** The lowest rank of coal, often referred to as brown coal, used almost exclusively as fuel for steam-electric power generation. It is brownish-black and has a high inherent moisture content, sometimes as high as 45 percent. The heat content of lignite ranges from 9 to 17 million Btu per ton on a moist, mineral-matter-free basis. The heat content of lignite consumed in the United States averages 13 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

**Manufactured gas:** A gas obtained by destructive distillation of coal, or by thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. Examples are coal gases, coke oven gases, producer gas, blast furnace gas, blue (water) gas, and carbureted water gas

**Mcf:** One thousand cubic feet.

**Megawatt (MW):** One million watts of electricity.

**Megawatthour (MWh):** One million watthours.

**Municipal utility:** A nonprofit utility, owned by a local municipality and operated as a department thereof, governed by a city council or an independently elected or appointed board; primarily involved in the distribution and/or sale of retail electric power.

**Natural gas:** A gaseous mixture of hydrocarbon compounds, the primary one being methane. Note: The Energy Information Administration measures wet natural gas and its two sources of production, associated/dissolved natural gas and nonassociated natural gas, and dry natural gas, which is produced from wet natural gas.

- 1) *Wet natural gas:* A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in porous rock formations at reservoir conditions. The principal hydrocarbons normally contained in the mixture are methane, ethane, propane, butane, and pentane. Typical nonhydrocarbon gases that may be present in reservoir natural gas are water vapor, carbon dioxide, hydrogen sulfide, nitrogen and trace amounts of helium. Under reservoir conditions, natural gas and its associated liquefiable portions occur either in a single gaseous phase in the reservoir or in solution with crude oil and are not distinguishable at the time as separate substances. Note: The Securities and Exchange Commission and the Financial Accounting Standards Board refer to this product as natural gas.
  - Associated-dissolved natural gas: Natural gas that occurs in crude oil reservoirs either as free gas (associated) or as gas in solution with crude oil (dissolved gas).
  - Nonassociated natural gas: Natural gas that is not in contact with significant quantities of crude oil in the reservoir.
- 2) *Dry natural gas:* Natural gas which remains after: 1) the liquefiable hydrocarbon portion has been removed from the gas stream (i.e., gas after lease, field, and/or plant separation); and 2) any volumes of nonhydrocarbon gases have been removed where they occur in sufficient quantity to render the gas unmarketable. Note: Dry natural gas is also known as consumer-grade natural gas. The parameters for measurement are cubic feet at 60 degrees Fahrenheit and 14.73 pounds per square inch absolute.

**Net generation:** The amount of gross generation less the electrical energy consumed at the generating station(s) for station service or auxiliaries. Note: Electricity required for pumping at pumped-storage plants is regarded as electricity for station service and is deducted from gross generation.

**Net summer capacity:** The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of summer peak demand (period of May 1 through October 31). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

**Net winter capacity:** The maximum output, commonly expressed in megawatts (MW), that generating equipment can supply to system load, as demonstrated by a multi-hour test, at the time of peak winter demand (period of November 1 through April 30). This output reflects a reduction in capacity due to electricity use for station service or auxiliaries.

**North American Electric Reliability Council (NERC):** A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. The NERC Regions are:

- 1) Texas Regional Entity (TRE),
- 2) Florida Reliability Coordinating Council (FRCC),
- 3) Midwest Reliability Organization (MRO),
- 4) Northeast Power Coordinating Council (NPCC),
- 5) ReliabilityFirst Corporation (RFC),
- 6) Southeastern Electric Reliability Council (SERC),
- 7) Southwest Power Pool (SPP), and the
- 8) Western Energy Coordinating Council (WECC).

**North American Industry Classification System (NAICS):** A set of codes that describes the possible purposes of a facility.

**Nuclear electric power:** Electricity generated by an electric power plant whose turbines are driven by steam produced by the heat from the fission of nuclear fuel in a reactor.

**Other customers:** Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, sales for irrigation, and interdepartmental sales.

**Other generation:** Electricity originating from these sources: manufactured, supplemental gaseous fuel, propane, and waste gasses, excluding natural gas; biomass; geothermal; wind; solar thermal; photovoltaic; synthetic fuel; purchased steam; and waste oil energy sources.

**Percent change:** The relative change in a quantity over a specified time period. It is calculated as follows: the current value has the previous value subtracted from it; this new number is divided by the absolute value of the previous value; then this new number is multiplied by 100.

**Petroleum:** A broadly defined class of liquid hydrocarbon mixtures. Included are crude oil, lease condensate, unfinished oils, refined products obtained from the processing of crude oil, and natural gas plant liquids. Note: Volumes of finished petroleum products include nonhydrocarbon compounds, such as additives and detergents, after they have been blended into the products.

**Petroleum coke:** See Coke (petroleum).

**Photovoltaic energy:** Direct-current electricity generated from sunlight through solid-state semiconductor devices that have no moving parts.

**Plant:** A term commonly used either as a synonym for an industrial establishment or a generation facility or to refer to a particular process within an establishment.

**Power:** The rate at which energy is transferred. Electrical energy is usually measured in watts. Also used for a measurement of capacity.

**Power production plant:** All the land and land rights, structures and improvements, boiler or reactor vessel equipment, engines and engine-driven generator, turbo generator units, accessory electric equipment, and miscellaneous power plant equipment are grouped together for each individual facility.

**Production (electric):** Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watthours (Wh).

**Propane:** A normally gaseous straight-chain hydrocarbon, (C<sub>3</sub>H<sub>8</sub>). It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products covered by Gas Processors Association Specifications for commercial propane and HD-5 propane and ASTM Specification D 1835.

**Public street and highway lighting service:** Includes electricity supplied and services rendered for the purpose of lighting streets, highways, parks and other public places; or for traffic or other signal system service, for municipalities, or other divisions or agencies of State or Federal governments.

**Railroad and railway electric service:** Electricity supplied to railroads and interurban and street railways, for general railroad use, including the propulsion of cars or locomotives, where such electricity is supplied under separate and distinct rate schedules.

**Receipts:** Purchases of fuel.

**Relative standard error:** The standard deviation of a distribution divided by the arithmetic mean, sometimes multiplied by 100. It is used for the purpose of comparing the variabilities of frequency distributions but is sensitive to errors in the means.

**Residential:** An energy-consuming sector that consists of living quarters for private households. Common uses of energy associated with this sector include space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a variety of other appliances. The residential sector excludes institutional living quarters.

**Residual fuel oil:** A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government

service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

**Retail:** Sales covering electrical energy supplied for residential, commercial, and industrial end-use purposes. Other small classes, such as agriculture and street lighting, also are included in this category.

**Revenues:** The total amount of money received by a firm from sales of its products and/or services, gains from the sales or exchange of assets, interest and dividends earned on investments, and other increases in the owner's equity except those arising from capital adjustments.

**Sales:** The transfer of title to an energy commodity from a seller to a buyer for a price or the quantity transferred during a specified period.

**Service classifications (sectors):** Consumers grouped by similar characteristics in order to be identified for the purpose of setting a common rate for electric service. Usually classified into groups identified as residential, commercial, industrial and other.

**Service to public authorities:** Public authority service includes electricity supplied and services rendered to municipalities or divisions or agencies of State and Federal governments, under special contracts or agreements or service classifications applicable only to public authorities.

**Solar energy:** The radiant energy of the sun that can be converted into other forms of energy, such as heat or electricity. Electricity produced from solar energy heats a medium that powers an electricity-generating device.

**State power authority:** A nonprofit utility owned and operated by a state government agency, primarily involved in the generation, marketing, and/or transmission of wholesale electric power.

**Steam-electric power plant (conventional):** A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler where fossil fuels are burned.

**Stocks of fuel:** A supply of fuel accumulated for future use. This includes coal and fuel oil stocks at the plant site, in coal cars, tanks, or barges at the plant site, or in separate storage sites.

**Subbituminous coal:** A coal whose properties range from those of lignite to those of bituminous coal and used primarily as fuel for steam-electric power generation. It may be dull, dark brown to black, soft and crumbly, at the lower end of the range, to bright, jet black, hard, and relatively strong, at the upper end. Subbituminous coal contains 20 to 30 percent inherent moisture by weight. The heat content of subbituminous coal ranges from 17 to 24 million Btu per ton on a moist, mineral-matter-free basis. The heat content of subbituminous coal consumed in the United States averages 17 to 18 million Btu per ton, on the as-received basis (i.e., containing both inherent moisture and mineral matter).

**Sulfur:** A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is

currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

**Sulfur content:** The amount of sulfur contained in the fuel (except gas) in terms of percent by weight.

**Supplemental gaseous fuel supplies:** Synthetic natural gas, propane-air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

**Synthetic fuel:** A gaseous, liquid, or solid fuel that does not occur naturally. Synfuels can be made from coal (coal gasification or coal liquefaction), petroleum products, oil shale, tar sands, or plant products. Among the synfuels are various fuel gases, including but not restricted to substitute natural gas, liquid fuels for engines (e.g., gasoline, diesel fuel, and alcohol fuels) and burner fuels (e.g., fuel heating oils).

**Terrawatt:** One trillion watts.

**Terrawatthour:** One trillion kilowatthours.

**Ton:** A unit of weight equal to 2,000 pounds.

**Turbine:** A machine for generating rotary mechanical power from the energy of a stream of fluid (such as water, steam, or hot gas). Turbines convert the kinetic energy of fluids to mechanical energy through the principles of impulse and reaction, or a mixture of the two.

**Ultimate consumer:** A consumer that purchases electricity for its own use and not for resale.

**Useful thermal output:** The thermal energy made available in a combined heat or power system for use in any industrial or commercial process, heating or cooling application, or delivered to other end users, i.e., total thermal energy made available for processes and applications other than electrical generation.

**Waste coal:** As a fuel for electric power generation, waste coal includes anthracite refuse or mine waste, waste from anthracite preparation plants, and coal recovered from previously mined sites.

**Waste gases:** As a fuel for electric power generation, waste gasses are those gasses that are produced from gasses recovered from a solid-waste or wastewater treatment facility, or the gaseous by-products of oil-refining processes.

**Waste oil:** As a fuel for electric power generation, waste oil includes recycled motor oil, and waste oil from transformers.

**Watt (W):** The unit of electrical power equal to one ampere under a pressure of one volt. A Watt is equal to 1/746 horsepower.

**Watt-hour (Wh):** The electrical energy unit of measure equal to one watt of power supplied to, or taken from, an electric circuit steadily for one hour.

**Wind energy:** The kinetic energy of wind converted into mechanical energy by wind turbines (i.e., blades rotating from the hub) that drive generators to produce electricity.

**Year to date:** The cumulative sum of each month's value starting with January and ending with the current month of the data.