Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2016**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	121,231	196	225,976	2,514	42,079	1,342	--	--	948	735	731	57,531	764	454,048
2	Florida	39,429	2,820	158,495	5	29,320	175	--	--	1,972	2,671	224	--	3,151	238,262
3	Pennsylvania	54,672	363	68,049	488	82,924	2,375	-562	--	508	1,883	75	3,476	816	215,067
4	California	319	176	97,074	1,427	18,908	28,942	-259	11,457	3,029	2,910	18,807	13,509	666	196,963
5	Illinois	59,338	70	17,485	204	98,607	133	--	--	--	467	49	10,663	274	187,289
6	Alabama	34,258	46	57,804	24	39,902	6,985	--	--	3,297	38	31	--	--	142,385
7	New York	1,770	643	56,793	--	41,571	26,888	-471	--	639	1,605	140	3,940	899	134,417
8	Georgia	37,890	212	52,862	--	34,481	3,373	-993	--	4,303	271	881	--	101	133,380
9	North Carolina	37,436	251	39,251	--	42,786	4,417	--	--	1,960	596	3,421	6	655	130,779
10	Ohio	68,775	1,181	28,942	721	16,817	500	--	--	272	450	66	1,245	-48	118,922
11	Washington	4,602	22	10,982	402	9,626	78,346	-2	--	1,708	299	1	8,042	60	114,087
12	Michigan	40,527	819	29,295	1,615	31,552	1,564	-752	--	1,522	973	9	4,696	302	112,122
13	Arizona	30,403	52	34,183	--	32,377	7,168	59	--	176	38	3,766	542	--	108,763
14	Louisiana	12,014	4,819	66,479	2,099	17,152	1,103	--	--	2,789	87	--	--	727	107,269
15	Indiana	72,533	610	19,996	2,272	--	426	--	--	--	433	226	4,899	363	101,759
16	South Carolina	21,003	114	16,367	--	55,826	2,226	-977	--	2,197	180	5	--	45	96,986
17	Virginia	16,499	535	40,905	--	29,732	1,471	-1,163	--	2,986	1,106	21	--	462	92,555
18	Kentucky	66,822	1,219	8,228	--	--	3,478	--	--	360	105	12	--	50	80,274
19	Tennessee	31,168	122	11,319	15	29,578	6,774	-704	--	843	91	79	38	20	79,341
20	Oklahoma	19,158	17	36,529	--	--	2,573	-87	--	243	119	5	20,069	28	78,655
21	Missouri	60,322	78	6,032	--	9,430	1,268	179	--	47	91	33	1,122	9	78,612
22	New Jersey	1,315	146	43,807	207	29,885	9	-204	--	--	983	835	21	607	77,611
23	West Virginia	71,513	123	1,225	25	--	1,638	--	--	--	--	--	1,432	-12	75,943
24	Wisconsin	33,363	147	15,473	--	10,151	2,795	--	--	880	590	3	1,515	50	64,967
25	Mississippi	5,342	18	50,095	--	5,897	--	--	--	1,513	11	--	--	5	62,881
26	Arkansas	23,800	42	18,171	--	13,421	3,570	39	--	1,257	113	26	--	6	60,445
27	Oregon	1,898	5	15,307	--	--	34,549	--	184	641	359	41	7,157	41	60,182
28	Minnesota	23,206	32	8,928	--	13,861	1,209	--	--	1,218	674	10	9,933	407	59,479
29	Colorado	29,949	7	12,679	--	16,575	1,903	-294	--	86	76	538	9,421	53	54,418
30	Iowa	25,198	278	2,961	--	4,703	917	--	--	1	251	0	20,072	12	54,393
31	Kansas	23,096	28	2,027	--	8,246	31	--	--	--	59	2	14,111	0	47,600
32	Wyoming	40,027	56	788	358	--	973	--	--	--	--	--	4,389	65	46,657
33	Nevada	2,167	11	28,922	1	--	1,789	--	3,353	--	55	3,124	344	21	39,787
34	Utah	25,939	32	8,691	54	--	760	--	485	--	84	1,054	822	213	38,134
35	North Dakota	26,580	30	1,071	40	--	1,912	--	--	--	6	--	8,172	45	37,856
36	Maryland	13,826	161	5,423	--	14,760	1,392	--	--	124	422	209	527	323	37,167
37	Nebraska	21,898	-18	538	--	9,351	856	--	--	--	98	4	3,798	--	36,525
38	Connecticut	177	92	17,952	--	--	224	6	--	237	619	25	13	577	36,497
39	New Mexico	18,365	52	9,958	--	--	148	--	14	--	18	752	3,605	0	32,912
40	Massachusetts	1,875	422	21,144	--	5,414	713	-500	--	129	1,075	609	216	858	31,955
41	Montana	14,269	460	476	9	--	10,083	--	--	20	--	--	2,140	327	27,784
42	New Hampshire	422	39	4,744	--	10,761	1,145	--	--	1,564	125	--	432	49	19,282
43	Idaho	29	0	3,321	--	--	9,033	--	72	413	118	30	2,578	65	15,661
44	South Dakota	2,083	3	919	--	--	4,806	--	--	--	--	0	3,714	--	11,524
45	Maine	70	110	3,498	--	--	3,000	--	--	2,603	185	--	1,667	381	11,514
46	Hawaii	1,497	6,640	--	51	--	91	--	260	--	359	89	639	322	9,949
47	Delaware	479	63	7,787	277	--	--	--	--	--	68	51	5	--	8,731
48	Rhode Island	--	26	6,291	--	--	2	--	--	--	205	15	27	--	6,565
49	Alaska	594	831	3,040	--	--	1,659	--	--	--	43	--	169	-2	6,335
50	Vermont	--	4	2	--	--	1,078	--	--	462	16	59	291	--	1,911
51	Dist. of Col.	--	1	23	--	--	--	--	--	--	53	--	--	--	76
	U.S. Total	1,239,149	24,205	1,378,307	12,807	805,694	267,812	-6,686	15,826	40,947	21,813	36,054	226,993	13,754	4,076,675

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2015**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	121,554	242	237,731	2,579	39,355	956	--	--	657	784	401	44,833	734	449,826
2	Florida	42,904	2,150	155,824	5	28,122	244	--	--	2,418	2,502	224	--	3,021	237,413
3	Pennsylvania	64,637	729	59,455	420	80,517	2,604	-509	--	470	1,934	64	3,353	899	214,572
4	California	298	85	116,140	1,549	18,505	13,808	113	11,883	3,584	2,884	14,814	12,230	812	196,704
5	Illinois	73,774	56	10,864	280	97,282	124	--	--	0	527	49	10,747	248	193,952
6	Alabama	41,410	84	55,844	36	41,951	9,862	--	--	3,246	44	--	--	--	152,477
7	New York	2,380	1,892	56,923	--	44,603	26,015	-423	--	616	1,625	101	3,977	919	138,628
8	Georgia	37,131	260	50,469	--	33,838	2,984	-815	--	4,393	341	129	--	87	128,818
9	North Carolina	39,922	435	36,545	--	42,097	4,742	0	--	2,045	544	1,374	--	685	128,388
10	Ohio	71,710	1,317	28,034	945	17,377	457	--	--	326	473	56	1,203	-3	121,893
11	Arizona	36,167	48	33,657	--	32,526	6,536	73	--	177	50	3,457	452	--	113,142
12	Michigan	52,884	826	20,045	1,213	29,334	1,499	-481	--	1,447	1,038	1	4,797	405	113,008
13	Washington	5,052	22	13,046	395	8,161	73,405	40	--	1,692	299	1	7,075	100	109,287
14	Louisiana	15,165	4,243	66,211	2,401	15,301	999	--	--	2,608	96	--	--	788	107,812
15	Indiana	78,231	1,338	16,263	2,269	--	381	--	--	--	446	156	4,515	420	104,019
16	South Carolina	22,631	193	16,549	--	53,156	2,564	-904	--	2,103	186	4	--	49	96,532
17	Virginia	17,231	1,108	33,284	--	28,060	1,158	-1,036	--	3,041	1,103	--	--	462	84,412
18	Missouri	65,326	99	4,596	--	10,440	1,595	348	--	29	100	17	1,033	58	83,640
19	Kentucky	72,620	1,077	5,950	--	--	3,403	--	--	349	92	--	--	52	83,544
20	Oklahoma	24,867	11	34,286	--	--	2,664	-72	--	245	91	2	14,031	11	76,136
21	Tennessee	30,586	135	9,324	12	24,960	9,581	-531	--	922	82	76	46	21	75,215
22	New Jersey	1,759	375	36,974	221	33,262	10	-170	--	--	946	628	22	582	74,609
23	West Virginia	68,056	140	1,304	29	--	1,385	--	--	--	5	--	1,376	--	72,295
24	Wisconsin	37,181	208	13,399	--	10,008	2,341	--	--	1,000	571	1	1,589	63	66,360
25	Mississippi	6,400	14	45,117	--	11,715	--	--	--	1,493	13	--	--	6	64,758
26	Oregon	2,377	6	16,237	--	--	31,254	--	179	747	369	24	6,632	42	57,867
27	Minnesota	24,697	28	7,389	--	12,039	849	--	--	1,177	629	3	9,779	390	56,980
28	Iowa	29,811	110	2,398	--	5,243	960	--	--	2	256	--	17,873	5	56,659
29	Arkansas	21,740	60	14,866	--	13,838	3,569	32	--	1,352	89	1	--	12	55,559
30	Colorado	31,541	7	11,644	--	--	1,620	-279	--	1	80	251	7,475	52	52,393
31	Wyoming	43,091	45	722	405	--	868	--	--	--	--	--	3,757	78	48,967
32	Kansas	24,593	49	1,174	--	8,630	19	--	--	--	62	2	10,999	--	45,527
33	Utah	31,656	20	8,218	8	--	769	--	430	--	85	32	626	106	41,949
34	Nebraska	24,185	6	431	--	10,325	1,685	--	--	--	71	--	3,180	--	39,883
35	Nevada	2,657	16	29,000	6	--	2,264	--	--	--	26	1,657	310	1	39,047
36	Connecticut	600	437	17,362	--	17,411	302	-4	--	190	598	17	--	556	37,471
37	North Dakota	27,734	26	711	39	--	2,094	--	--	--	4	--	6,506	42	37,157
38	Maryland	13,926	232	4,555	--	14,643	1,623	--	--	111	403	119	435	318	36,366
39	New Mexico	20,440	63	9,365	--	--	99	--	10	--	20	615	2,090	1	32,701
40	Massachusetts	2,253	777	21,007	--	4,995	827	-474	--	120	1,047	451	215	868	32,086
41	Montana	16,013	496	599	17	--	9,888	--	--	21	--	--	1,965	303	29,302
42	New Hampshire	937	176	6,052	--	9,484	1,270	--	3,111	1,506	119	--	423	50	20,016
43	Idaho	79	0	3,804	--	--	8,757	--	76	426	175	--	2,270	81	15,667
44	Maine	92	548	2,952	--	--	3,361	--	--	2,970	183	--	1,296	340	11,741
45	Hawaii	1,337	7,023	--	50	--	121	--	230	--	321	54	613	369	10,120
46	South Dakota	1,495	17	773	--	--	4,850	--	--	--	--	--	2,498	--	9,633
47	Delaware	599	154	6,689	238	--	--	--	--	--	76	49	5	--	7,810
48	Rhode Island	--	114	6,586	--	--	3	--	--	--	211	14	10	--	6,939
49	Alaska	668	747	3,090	--	--	1,569	--	--	--	55	--	160	-2	6,285
50	Vermont	--	3	1	--	--	1,139	--	--	446	19	48	325	--	1,982
51	Dist. of Col.	--	0	23	--	--	--	--	--	--	31	--	--	--	54
	U.S. Total	**1,352,398**	**28,249**	**1,333,482**	**13,117**	**797,178**	**249,080**	**-5,091**	**15,918**	**41,929**	**21,703**	**24,893**	**190,719**	**14,028**	**4,077,601**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2014**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	148,174	278	204,721	2,307	39,287	386	--	--	1,075	733	282	40,005	381	437,630
2	Florida	52,054	1,878	140,034	7	27,868	211	--	--	2,540	2,292	242	--	2,891	230,016
3	Pennsylvania	78,986	803	53,021	491	78,715	2,641	-579	--	549	1,904	62	3,565	900	221,058
4	Illinois	87,282	87	5,465	338	97,858	132	--	--	--	566	50	10,083	282	202,144
5	California	805	66	120,426	1,333	16,986	16,531	-105	12,102	3,977	2,913	9,932	12,992	848	198,808
6	Alabama	47,302	98	48,270	180	41,244	9,467	--	--	2,732	47	--	--	1	149,340
7	New York	4,592	2,136	54,380	--	43,039	26,087	-491	--	739	1,669	71	3,968	933	137,122
8	Ohio	89,879	1,247	23,636	929	16,284	478	--	--	348	471	54	1,153	-3	134,476
9	North Carolina	49,238	460	28,738	--	40,967	4,756	78	--	2,027	520	729	--	631	128,144
10	Georgia	45,295	378	40,961	--	32,570	3,064	-781	--	3,750	413	119	--	67	125,837
11	Washington	6,720	24	11,059	337	9,497	79,463	-5	--	1,527	313	1	7,268	131	116,334
12	Indiana	97,549	1,363	9,572	2,161	--	371	--	--	--	391	102	3,496	391	115,395
13	Arizona	42,665	57	27,242	--	32,321	6,118	14	--	170	61	3,142	468	--	112,257
14	Michigan	52,900	1,051	12,523	1,120	31,246	1,600	-701	--	1,751	1,055	--	3,868	404	106,817
15	Louisiana	19,221	5,231	56,121	1,943	17,311	1,090	--	--	2,686	94	--	--	533	104,229
16	South Carolina	28,914	246	11,407	--	52,419	2,569	-884	--	2,244	194	5	--	46	97,158
17	Kentucky	83,602	1,153	2,500	--	--	3,144	--	--	354	94	--	--	50	90,896
18	Missouri	72,409	107	4,044	--	9,276	697	19	--	32	83	9	1,131	26	87,834
19	West Virginia	77,515	163	653	31	--	1,242	--	--	--	5	--	1,451	--	81,060
20	Tennessee	35,875	185	6,200	13	27,670	8,901	-491	--	973	90	27	51	14	79,507
21	Virginia	20,819	1,205	20,882	--	30,221	955	-1,295	--	2,755	1,097	--	--	500	77,137
22	Oklahoma	29,906	12	26,641	--	--	1,428	-106	--	247	92	--	11,937	-2	70,156
23	New Jersey	2,519	497	31,410	162	31,507	17	-237	--	--	998	514	23	640	68,051
24	Arkansas	33,221	29	9,614	--	14,478	2,640	67	--	1,428	102	--	--	13	61,592
25	Wisconsin	37,449	319	8,054	--	9,447	2,472	--	--	1,101	542	1	1,618	62	61,065
26	Oregon	3,193	10	12,699	--	--	35,262	--	183	803	348	24	7,555	43	60,120
27	Minnesota	27,957	63	3,870	--	12,707	548	--	--	1,149	614	3	9,691	397	56,998
28	Iowa	33,733	144	1,373	--	4,152	879	--	--	2	264	--	16,307	--	56,853
29	Mississippi	10,743	14	32,606	--	10,252	--	--	--	1,491	17	--	--	4	55,127
30	Colorado	32,545	10	11,954	--	--	1,770	-225	--	47	79	253	7,369	47	53,847
31	Kansas	28,752	45	1,453	--	8,558	16	--	--	--	59	--	10,845	0	49,728
32	Wyoming	43,409	45	557	337	--	869	--	--	--	--	--	4,406	74	49,696
33	Utah	33,377	24	8,376	--	--	633	--	522	--	73	2	660	118	43,785
34	Nebraska	24,922	43	406	--	10,102	1,158	--	--	--	64	--	2,737	--	39,431
35	Maryland	17,603	463	2,506	--	14,343	1,616	--	--	150	417	98	324	313	37,834
36	North Dakota	27,394	26	234	40	--	2,531	--	--	--	3	--	6,202	31	36,463
37	Nevada	6,548	15	22,961	5	--	2,389	--	2,729	--	25	1,014	300	15	36,001
38	Connecticut	825	513	14,684	--	15,841	434	7	--	107	650	12	--	605	33,677
39	New Mexico	20,356	63	8,976	--	--	98	--	9	--	14	515	2,275	1	32,306
40	Massachusetts	2,795	1,005	18,498	--	5,769	902	-458	--	125	1,073	306	225	878	31,119
41	Montana	15,579	428	515	0	--	11,483	--	--	13	--	--	1,974	265	30,258
42	New Hampshire	1,311	287	4,388	--	10,168	1,381	--	--	1,415	125	--	412	50	19,538
43	Idaho	78	0	2,553	--	--	9,002	--	79	417	175	--	2,806	75	15,184
44	Maine	79	305	4,344	--	--	3,623	--	--	3,189	205	--	1,097	405	13,249
45	South Dakota	2,689	7	465	--	--	5,498	--	--	--	--	--	2,336	--	10,995
46	Hawaii	1,511	6,926	--	62	--	94	--	254	--	334	39	579	405	10,204
47	Delaware	865	183	6,297	226	--	--	--	--	--	76	50	5	--	7,704
48	Vermont	--	5	2	--	5,061	1,175	--	--	429	23	24	311	--	7,031
49	Rhode Island	--	88	5,963	--	--	4	--	--	--	207	10	10	--	6,282
50	Alaska	558	446	3,288	--	--	1,539	--	--	--	63	--	152	-2	6,043
51	Dist. of Col.	--	--	68	--	--	--	--	--	--	--	--	--	--	68
	U.S. Total	**1,581,710**	**30,232**	**1,126,609**	**12,022**	**797,166**	**259,367**	**-6,174**	**15,877**	**42,340**	**21,650**	**17,691**	**181,655**	**13,461**	**4,093,606**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2013**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	149,404	951	203,798	2,400	38,315	480	--	--	993	730	163	35,874	272	433,380
2	Pennsylvania	88,443	460	49,938	650	78,714	2,525	-539	--	492	1,847	63	3,352	841	226,786
3	Florida	46,343	2,560	138,966	5	26,526	254	--	--	2,139	2,309	210	--	3,086	222,399
4	Illinois	87,927	72	6,828	356	97,131	120	--	--	--	608	52	9,625	285	203,005
5	California	823	69	119,523	1,406	17,912	23,755	196	12,307	3,792	2,843	3,814	12,822	816	200,077
6	Alabama	47,050	74	46,586	268	40,816	12,899	--	--	2,854	21	--	--	3	150,573
7	Ohio	94,564	1,386	21,694	953	16,121	549	--	--	343	474	46	1,146	8	137,284
8	New York	4,697	1,007	54,354	--	44,756	24,973	-443	--	608	1,674	67	3,539	884	136,117
9	North Carolina	47,072	218	27,983	--	40,242	6,901	--	--	2,200	410	345	--	567	125,936
10	Georgia	40,233	275	40,330	--	32,903	3,714	-427	--	3,409	415	14	--	88	120,954
11	Washington	6,740	24	11,424	410	8,461	78,155	7	--	1,533	284	1	7,004	129	114,173
12	Arizona	43,492	43	29,685	--	31,431	2,655	24	--	102	69	2,111	450	3	113,326
13	Indiana	92,672	1,572	9,032	2,410	--	387	--	--	--	376	31	3,481	442	110,403
14	Michigan	56,291	532	12,341	957	28,921	1,419	-871	--	1,727	988	--	2,800	312	105,418
15	Louisiana	20,844	4,945	52,510	2,246	16,954	1,045	--	--	2,704	82	--	--	679	102,010
16	South Carolina	24,407	103	11,834	--	54,252	3,160	-795	--	2,013	213	0	2,688	62	95,250
17	Missouri	76,105	65	4,400	--	8,367	1,136	296	--	8	66	--	1,167	16	91,627
18	Kentucky	83,303	1,409	1,418	--	--	3,275	--	--	228	98	--	--	9	89,741
19	Tennessee	32,486	130	5,017	13	28,494	12,443	-42	--	958	85	20	47	1	79,652
20	Virginia	21,161	313	22,651	--	29,326	1,254	-1,189	--	1,946	960	--	--	475	76,897
21	West Virginia	72,284	150	270	30	--	1,739	--	--	--	4	--	1,387	--	75,863
22	Oklahoma	29,999	10	30,056	--	--	2,178	-78	--	218	126	--	11,162	2	73,674
23	Wisconsin	40,645	303	8,102	--	11,675	1,979	--	--	1,150	484	--	1,558	66	65,963
24	New Jersey	2,022	162	27,077	223	33,380	18	-202	--	--	999	437	11	625	64,751
25	Arkansas	31,889	42	12,139	--	11,945	5,915	31	--	1,496	105	--	--	21	60,322
26	Oregon	3,759	6	14,363	--	--	33,098	--	165	700	294	20	7,456	35	59,896
27	Iowa	33,302	141	1,430	--	5,321	749	--	--	--	159	--	15,568	--	56,671
28	Colorado	33,703	10	10,709	--	--	1,213	-280	--	3	81	248	7,204	46	52,937
29	Mississippi	8,701	14	31,777	--	10,865	--	--	--	1,433	15	--	--	5	52,810
30	Wyoming	46,437	39	512	281	--	711	--	--	--	--	--	4,433	69	52,483
31	Minnesota	23,518	27	6,301	--	10,708	511	--	--	1,036	574	3	8,259	361	51,297
32	Kansas	29,767	51	1,980	--	7,168	15	--	--	--	58	--	9,433	--	48,473
33	Utah	34,285	26	6,606	2	--	505	--	319	--	71	2	540	161	42,517
34	Nebraska	26,767	43	437	--	6,865	1,124	--	--	--	67	--	1,802	--	37,105
35	Nevada	5,255	19	24,767	6	--	2,682	--	2,670	--	24	745	251	25	36,444
36	New Mexico	24,145	58	8,975	--	--	92	--	0	--	19	388	2,193	1	35,871
37	Maryland	15,538	190	2,888	--	14,264	1,727	--	--	143	413	63	322	303	35,851
38	Connecticut	681	306	15,780	--	17,080	402	-1	--	4	648	--	--	711	35,611
39	North Dakota	27,478	33	54	42	--	1,852	--	--	--	5	--	5,519	38	35,022
40	Massachusetts	3,959	390	21,257	--	4,331	992	-368	--	77	1,061	106	205	876	32,885
41	Montana	14,880	462	614	0	--	9,638	--	--	5	--	--	1,755	332	27,687
42	New Hampshire	1,464	105	4,100	--	10,927	1,427	--	--	1,169	137	--	389	61	19,779
43	Idaho	92	0	3,392	--	--	8,473	--	40	454	198	--	2,460	77	15,186
44	Maine	63	239	4,873	--	--	3,560	--	--	3,625	220	--	1,048	401	14,030
45	Hawaii	1,404	7,223	--	41	--	78	--	275	--	329	19	503	394	10,267
46	South Dakota	2,849	7	502	--	--	4,063	--	--	--	--	--	--	--	10,109
47	Delaware	1,545	23	5,931	155	--	--	--	--	--	57	45	4	--	7,761
48	Vermont	--	5	3	--	4,846	1,286	--	--	466	26	17	236	--	6,885
49	Alaska	625	819	3,421	--	--	1,435	--	--	--	52	--	145	0	6,497
50	Rhode Island	--	51	6,139	--	--	4	--	--	--	48	2	3	--	6,247
51	Dist. of Col.	--	--	66	--	--	--	--	--	--	--	--	--	--	66
	U.S. Total	**1,581,115**	**27,164**	**1,124,836**	**12,853**	**789,016**	**268,565**	**-4,681**	**15,775**	**40,028**	**20,830**	**9,036**	**167,840**	**13,588**	**4,065,964**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2012**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	138,088	1,485	213,901	2,999	38,441	584	--	--	984	700	118	32,214	298	429,813
2	Pennsylvania	87,148	283	53,062	598	75,174	2,242	-443	--	534	1,765	32	2,129	896	223,420
3	Florida	44,286	1,366	149,700	6	17,870	151	--	--	2,058	2,273	194	--	3,194	221,096
4	California	1,375	290	119,668	1,484	18,507	26,837	575	12,519	3,798	2,514	1,382	9,754	815	199,519
5	Illinois	80,827	71	11,189	294	96,401	111	--	--	--	615	31	7,727	299	197,565
6	Alabama	45,607	110	55,705	178	40,841	7,435	--	--	2,769	8	--	--	227	152,879
7	New York	4,551	580	59,462	--	40,775	24,652	-413	--	488	1,660	53	2,992	968	135,768
8	Ohio	85,589	1,281	22,665	959	17,087	414	--	--	351	366	37	985	12	129,746
9	Georgia	40,715	378	42,539	--	33,942	2,236	-838	--	3,107	168	3	--	56	122,306
10	Washington	3,763	27	5,438	405	9,334	89,464	44	--	1,375	239	1	6,600	147	116,835
11	North Carolina	50,932	178	19,302	--	39,386	3,728	--	--	2,262	302	139	--	452	116,682
12	Indiana	92,461	946	14,471	2,491	--	434	--	--	--	336	0	3,210	347	114,696
13	Arizona	40,116	42	30,295	--	31,934	6,717	79	--	157	54	955	532	24	110,905
14	Michigan	53,136	325	21,748	315	28,020	1,215	-773	--	1,698	956	--	1,132	395	108,166
15	Louisiana	21,422	3,030	58,564	1,247	15,659	680	--	--	2,366	64	--	--	376	103,408
16	South Carolina	28,396	108	14,332	--	51,145	1,420	-896	--	1,941	203	--	--	106	96,756
17	Missouri	72,775	78	6,167	--	10,718	714	33	--	--	54	--	1,245	20	91,804
18	Kentucky	82,762	1,537	2,949	--	--	2,362	--	--	237	96	--	--	8	89,950
19	Oklahoma	29,302	11	39,024	--	--	1,146	-117	--	269	94	--	8,158	10	77,897
20	Tennessee	35,419	144	8,075	13	25,102	8,296	-163	--	715	62	12	47	1	77,724
21	West Virginia	70,267	143	243	32	--	1,431	--	--	0	11	--	1,286	--	73,413
22	Virginia	14,181	364	25,038	--	28,723	1,044	-1,366	--	1,436	923	--	--	397	70,739
23	New Jersey	1,897	71	28,285	142	33,110	11	-166	--	--	965	304	12	633	65,263
24	Arkansas	28,431	33	17,117	--	15,493	2,198	42	--	1,590	70	--	--	30	65,006
25	Wisconsin	32,758	318	11,542	--	14,300	1,522	--	--	1,149	517	--	1,558	80	63,743
26	Oregon	2,634	6	11,625	--	--	39,410	--	26	600	232	6	6,343	50	60,933
27	Iowa	35,331	107	1,941	--	4,347	766	--	--	--	151	--	14,032	--	56,675
28	Mississippi	7,212	17	38,550	--	7,296	--	--	--	1,493	16	--	--	0	54,584
29	Colorado	34,521	11	10,524	--	--	1,497	-244	--	0	58	165	5,969	55	52,557
30	Minnesota	22,723	30	7,088	--	11,944	561	--	--	839	999	--	7,615	394	52,194
31	Wyoming	43,412	52	513	282	--	893	--	--	--	--	--	4,369	67	49,589
32	Kansas	27,983	34	2,860	--	8,285	10	--	--	--	57	--	5,195	--	44,425
33	Utah	30,799	40	6,580	4	--	748	--	335	--	60	2	704	133	39,403
34	Maryland	16,185	137	4,945	112	13,579	1,657	-308	--	159	395	22	322	296	37,810
35	New Mexico	24,994	46	8,799	--	--	223	--	--	--	14	334	2,226	--	36,636
36	Massachusetts	2,137	174	24,672	--	5,860	912	--	--	659	1,065	30	90	906	36,198
37	North Dakota	28,214	33	22	35	--	2,477	--	--	--	6	--	5,275	64	36,125
38	Connecticut	653	112	16,537	--	17,078	312	3	--	1	666	--	--	756	36,118
39	Nevada	4,079	19	25,647	7	--	2,440	--	2,347	--	19	473	129	12	35,173
40	Nebraska	25,019	23	770	--	5,802	1,257	--	--	--	63	--	1,284	--	34,217
41	Montana	13,987	467	464	0	--	11,283	--	--	--	--	--	1,262	341	27,805
42	New Hampshire	1,268	22	7,050	--	8,189	1,289	--	--	1,035	137	--	209	66	19,264
43	Idaho	77	0	1,898	--	--	10,940	--	75	460	90	--	1,891	69	15,499
44	Maine	45	84	6,044	--	--	3,733	--	--	2,945	267	--	887	424	14,429
45	South Dakota	2,919	6	214	--	--	5,981	--	--	--	--	--	2,915	--	12,034
46	Hawaii	1,537	7,483	--	47	--	115	--	261	--	281	5	378	363	10,469
47	Delaware	1,423	22	6,815	244	--	--	--	--	--	105	23	4	--	8,634
48	Rhode Island	--	18	8,185	--	--	4	--	--	--	101	--	1	--	8,309
49	Alaska	685	1,038	3,606	3	--	1,575	--	--	--	3	--	37	--	6,946
50	Vermont	--	3	3	--	4,989	1,109	--	--	328	26	5	107	--	6,570
51	Dist. of Col.	--	9	62	--	--	--	--	--	--	--	--	--	--	72
	U.S. Total	**1,514,043**	**23,190**	**1,225,894**	**11,898**	**769,331**	**276,240**	**-4,950**	**15,562**	**37,799**	**19,823**	**4,327**	**140,822**	**13,787**	**4,047,765**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2011**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	157,897	977	200,500	3,390	39,648	563	--	--	928	678	29	30,548	319	435,477
2	Pennsylvania	100,603	442	41,792	616	76,147	3,217	-494	--	628	1,653	23	1,794	893	227,315
3	Florida	51,991	3,281	136,364	6	22,015	182	--	--	2,209	2,335	126	--	3,385	221,895
4	California	1,982	911	88,974	1,667	36,663	42,557	-89	12,552	3,445	2,585	889	7,752	917	200,805
5	Illinois	90,013	84	5,956	319	95,823	140	--	--	1	638	14	6,213	299	199,500
6	Alabama	56,807	120	47,681	292	39,356	8,884	--	--	2,807	10	--	--	383	156,339
7	New York	9,426	1,189	50,805	--	42,695	27,997	-433	--	442	1,619	6	2,828	905	137,480
8	Ohio	105,337	1,388	12,338	304	14,890	384	--	--	390	332	15	198	10	135,586
9	Georgia	60,159	551	26,544	--	32,306	2,705	-734	--	3,070	119	--	--	28	124,749
10	Indiana	104,153	1,333	10,064	2,183	--	409	--	--	--	336	--	3,285	369	122,131
11	North Carolina	59,758	218	11,155	--	40,527	3,893	--	--	1,953	375	17	--	493	118,390
12	Washington	5,229	37	4,850	297	4,806	91,818	52	--	1,582	169	1	6,262	160	115,263
13	Michigan	58,948	343	12,982	269	32,889	1,357	-945	--	1,679	827	--	456	363	109,170
14	Arizona	43,702	53	23,253	--	31,278	9,174	121	--	144	47	83	256	15	108,125
15	Louisiana	24,628	4,707	54,322	1,292	16,615	1,044	--	--	2,371	71	--	--	440	105,491
16	South Carolina	34,169	112	12,936	--	52,903	1,554	-890	--	1,988	141	--	--	60	102,973
17	Kentucky	91,656	1,735	1,546	--	--	2,969	--	--	341	95	--	--	9	98,351
18	Missouri	78,316	80	4,548	--	9,371	1,185	114	--	0	62	--	1,178	21	94,876
19	Tennessee	40,777	195	3,259	17	26,919	9,576	-660	--	930	36	--	53	1	81,104
20	West Virginia	75,964	188	251	30	--	1,453	--	--	0	9	--	1,103	0	79,000
21	Oklahoma	34,479	16	32,837	--	--	1,507	-153	--	227	87	--	5,605	2	74,606
22	Virginia	19,881	503	18,332	--	25,548	1,210	-1,470	--	1,406	790	--	--	470	66,671
23	New Jersey	4,155	166	25,201	139	33,606	24	-197	--	--	876	69	11	644	64,694
24	Wisconsin	39,938	582	6,243	--	11,560	2,147	--	--	1,032	545	--	1,188	54	63,289
25	Arkansas	29,418	56	12,947	--	14,194	2,958	34	--	1,587	81	--	--	32	61,308
26	Oregon	3,334	8	8,498	--	--	42,315	--	--	492	222	0	4,775	51	59,695
27	Iowa	38,229	141	991	--	5,215	925	--	--	--	161	--	10,709	--	56,372
28	Minnesota	28,259	38	3,351	--	11,959	746	--	--	748	932	--	6,726	362	53,120
29	Mississippi	9,723	36	29,966	--	10,337	--	--	--	1,503	3	--	--	3	51,571
30	Colorado	33,955	22	10,186	--	--	2,083	-243	--	0	62	105	5,200	63	51,433
31	Wyoming	40,961	55	459	265	--	1,224	--	--	--	--	--	4,612	62	47,638
32	Kansas	31,656	57	2,535	--	7,319	15	--	--	--	59	--	3,720	--	45,360
33	Maryland	21,059	229	2,311	155	14,397	2,547	--	--	168	380	3	271	299	41,818
34	Utah	33,138	54	5,256	33	--	1,230	--	330	--	58	--	573	165	40,836
35	New Mexico	27,141	38	8,566	--	--	195	--	--	--	9	128	2,104	--	38,181
36	Massachusetts	4,059	197	25,940	--	5,085	1,149	-440	--	101	1,039	5	61	860	38,055
37	Nebraska	25,965	37	426	--	6,933	1,617	--	--	--	65	--	1,051	--	36,095
38	North Dakota	27,109	42	20	39	--	2,580	--	--	--	10	--	5,236	44	35,080
39	Connecticut	526	166	15,188	--	15,928	567	6	--	1	659	--	--	705	33,745
40	Nevada	5,407	14	21,841	7	--	2,191	--	2,146	--	--	291	--	38	31,936
41	Montana	15,056	461	418	0	--	12,596	--	--	--	--	--	1,265	333	30,129
42	New Hampshire	2,208	78	6,658	--	8,363	1,605	--	--	917	108	--	66	64	20,066
43	Idaho	83	0	1,111	--	--	13,405	--	63	474	48	--	1,307	78	16,569
44	Maine	55	178	6,877	--	--	3,979	--	--	3,511	277	--	707	390	15,974
45	South Dakota	2,586	8	129	--	--	6,608	--	--	--	--	--	2,668	--	11,999
46	Hawaii	1,424	7,924	--	35	--	93	--	224	--	313	4	341	366	10,723
47	Rhode Island	--	14	8,571	--	--	7	--	--	--	127	--	3	--	8,722
48	Alaska	656	945	3,906	3	--	1,345	--	--	--	3	--	12	--	6,871
49	Vermont	--	8	3	--	4,907	1,425	--	--	372	25	2	33	--	6,776
50	Delaware	1,455	38	4,731	208	--	--	--	--	--	145	8	5	--	6,590
51	Dist. of Col.	--	130	71	--	--	--	--	--	--	--	--	--	--	201
	U.S. Total	**1,733,430**	**30,182**	**1,013,689**	**11,566**	**790,204**	**319,355**	**-6,421**	**15,316**	**37,449**	**19,222**	**1,818**	**120,177**	**14,154**	**4,100,141**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2010**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.^	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	150,173	708	186,882	3,291	41,335	1,262	--	--	900	545	8	26,251	339	411,695
2	Pennsylvania	110,369	571	33,718	552	77,828	2,332	-708	--	675	1,708	8	1,854	845	229,752
3	Florida	59,897	9,122	128,634	8	23,936	177	--	--	2,019	2,387	80	--	2,834	229,096
4	California	2,100	1,059	107,522	1,695	32,201	33,431	-171	12,600	3,551	2,451	769	6,079	839	204,126
5	Illinois	93,611	110	5,724	161	96,190	119	--	--	0	670	14	4,454	300	201,352
6	Alabama	63,050	200	39,235	277	37,941	8,704	--	--	2,365	12	--	--	366	152,151
7	Ohio	117,828	1,442	7,128	254	15,805	429	--	--	399	276	13	13	12	143,598
8	Georgia	73,298	641	23,884	--	33,512	3,322	-278	--	3,054	127	--	--	18	137,577
9	New York	13,583	2,005	48,916	--	41,870	25,472	-529	--	547	1,671	--	2,596	832	136,962
10	North Carolina	71,951	293	8,447	--	40,740	4,757	--	--	1,876	195	11	--	407	128,678
11	Indiana	112,328	155	6,475	2,144	--	454	--	--	--	312	--	2,934	380	125,181
12	Arizona	43,644	66	29,676	--	31,200	6,622	209	--	140	28	16	135	15	111,751
13	Michigan	65,604	382	12,249	299	29,625	1,251	-1,023	--	1,670	802	--	360	332	111,551
14	South Carolina	37,671	191	10,927	--	51,988	2,376	-935	--	1,742	131	--	1,372	61	104,153
15	Washington	8,527	32	10,359	292	9,241	68,288	53	--	1,676	196	--	4,745	62	103,473
16	Louisiana	23,924	3,281	51,344	1,561	18,639	1,109	--	--	2,393	74	--	--	559	102,885
17	Kentucky	91,054	2,285	1,841	3	--	2,580	--	--	349	91	--	--	15	98,218
18	Missouri	75,047	126	4,690	7	8,996	1,539	888	--	0	62	--	925	32	92,313
19	Tennessee	43,670	217	2,302	13	27,739	8,138	-721	--	914	33	--	41	3	82,349
20	West Virginia	78,148	155	140	40	--	1,367	--	--	--	--	--	939	1	80,789
21	Virginia	25,459	1,293	16,999	--	26,572	1,500	-1,491	--	1,404	815	--	--	414	72,966
22	Oklahoma	31,475	18	33,942	--	--	2,809	-153	--	255	97	--	3,808	--	72,251
23	New Jersey	6,418	235	24,902	106	32,771	18	-194	--	--	816	21	13	575	65,682
24	Wisconsin	40,169	718	5,497	0	13,281	2,112	--	--	878	508	--	1,088	63	64,314
25	Arkansas	28,152	45	12,469	--	15,023	3,659	-1	--	1,567	57	--	13	28	61,000
26	Iowa	41,283	154	1,312	--	4,451	948	--	--	--	190	--	9,170	--	57,509
27	Oregon	4,126	3	15,651	--	--	30,542	--	--	632	205	--	3,920	47	55,127
28	Mississippi	13,629	82	29,619	2	9,643	--	--	--	1,503	1	--	--	9	54,487
29	Minnesota	28,083	31	4,341	--	13,478	840	--	--	933	915	--	4,792	258	53,670
30	Colorado	34,559	17	11,062	--	--	1,578	-121	--	2	58	42	3,452	70	50,721
31	Wyoming	42,987	56	459	279	--	1,024	--	--	--	--	--	3,247	68	48,119
32	Kansas	32,505	103	2,287	--	9,556	13	--	--	--	54	--	3,405	--	47,924
33	Maryland	23,668	322	2,897	215	13,994	1,667	--	--	165	407	0	1	270	43,607
34	Massachusetts	8,306	296	25,582	--	5,918	996	-337	--	125	1,125	1	22	771	42,805
35	Utah	34,057	50	6,455	36	--	696	--	277	--	56	--	448	174	42,249
36	Nebraska	23,363	31	375	--	11,054	1,314	--	--	--	72	--	422	--	36,630
37	New Mexico	25,618	50	8,512	--	--	217	--	--	--	14	9	1,832	--	36,252
38	Nevada	6,997	11	23,688	6	--	2,157	--	2,070	--	--	217	--	--	35,146
39	North Dakota	28,462	38	16	36	--	2,042	--	--	--	12	--	4,096	37	34,740
40	Connecticut	2,604	409	11,716	14	16,750	391	9	--	0	739	--	--	717	33,350
41	Montana	18,601	409	57	2	--	9,415	--	--	97	--	--	930	281	29,791
42	New Hampshire	3,083	72	5,365	--	10,910	1,478	--	--	1,030	127	--	76	57	22,196
43	Maine	87	272	8,374	--	--	3,810	--	--	3,390	264	--	499	323	17,019
44	Idaho	88	0	1,689	--	--	9,154	--	72	478	24	--	441	79	12,025
45	Hawaii	1,546	8,087	--	22	--	70	--	201	0	283	2	261	364	10,836
46	South Dakota	3,298	6	135	--	--	5,239	--	--	--	--	--	--	--	10,050
47	Rhode Island	--	12	7,583	--	--	4	--	--	--	137	--	3	--	7,739
48	Alaska	620	937	3,750	--	--	1,433	--	--	--	6	--	--	--	6,760
49	Vermont	--	5	4	--	4,782	1,347	--	--	443	25	--	14	--	6,620
50	Delaware	2,568	56	2,865	--	--	--	--	--	--	136	--	3	--	5,628
51	Dist. of Col.	--	200	--	--	--	--	--	--	--	--	--	--	--	200
	U.S. Total	**1,847,290**	**37,061**	**987,697**	**11,313**	**806,968**	**260,203**	**-5,501**	**15,219**	**37,172**	**18,917**	**1,212**	**94,652**	**12,855**	**4,125,060**

^EIA's data for Utah's 2010 geothermal electric generation at Independent Power Producers is incorrect, the correct total is listed above.

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2009**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	139,107	1,405	189,066	3,649	41,498	1,029	--	--	649	429	--	20,026	310	397,168
2	Pennsylvania	105,475	915	29,215	443	77,328	2,683	-731	--	694	1,579	4	1,075	817	219,496
3	Florida	54,003	9,221	118,322	7	29,118	208	--	--	1,954	2,377	9	--	2,733	217,952
4	California	2,050	1,543	113,463	1,623	31,764	27,888	153	12,853	3,732	2,468	647	5,840	753	204,776
5	Illinois	89,967	113	4,495	88	95,474	136	--	--	0	710	0	2,820	62	193,864
6	Alabama	55,609	219	31,617	135	39,716	12,535	--	--	3,035	14	--	--	374	143,256
7	Ohio	113,712	1,312	4,650	37	15,206	528	--	--	410	210	--	14	11	136,090
8	New York	12,759	2,648	41,780	--	43,485	27,615	-480	--	536	1,665	--	2,266	877	133,151
9	Georgia	69,478	650	20,506	--	31,683	3,260	272	--	2,746	80	--	--	25	128,698
10	North Carolina	65,083	297	4,852	--	40,848	5,171	43	--	1,757	131	5	--	220	118,407
11	Indiana	108,312	157	3,830	1,820	--	503	--	--	--	303	--	1,403	343	116,670
12	Arizona	39,707	63	34,739	--	30,662	6,427	169	--	137	22	14	30	2	111,971
13	Washington	7,478	54	11,971	245	6,634	72,933	52	--	1,305	167	--	3,572	59	104,470
14	Michigan	66,848	399	8,420	203	21,851	1,372	-857	--	1,489	834	--	300	344	101,203
15	South Carolina	34,478	523	9,780	--	52,150	2,332	-976	--	1,611	137	--	--	91	100,125
16	Louisiana	23,067	1,858	44,003	1,227	16,782	1,236	--	--	2,297	67	--	--	456	90,994
17	Kentucky	84,038	2,016	878	4	--	3,318	--	--	263	101	--	--	--	90,630
18	Missouri	71,611	88	3,416	7	10,247	1,817	567	--	2	73	--	499	27	88,354
19	Tennessee	41,633	187	409	12	26,962	10,212	-650	--	862	36	--	52	1	79,717
20	Oklahoma	34,059	9	34,631	--	--	3,553	-117	--	68	163	--	2,698	2	75,067
21	West Virginia	68,080	169	109	36	--	1,646	--	--	-1	0	--	742	0	70,783
22	Virginia	25,599	1,088	12,201	--	28,212	1,479	-1,335	--	1,708	709	--	--	420	70,082
23	New Jersey	5,100	278	20,625	170	34,328	32	-202	--	--	928	11	21	520	61,811
24	Wisconsin	37,280	712	5,484	--	12,683	1,394	--	--	769	519	--	1,052	65	59,959
25	Arkansas	25,075	88	11,221	--	15,170	4,193	100	--	1,529	57	--	--	24	57,458
26	Oregon	3,197	8	16,133	--	--	33,034	--	--	674	128	--	3,470	47	56,691
27	Minnesota	29,327	65	2,846	24	12,393	809	--	--	796	887	--	5,053	290	52,492
28	Iowa	37,351	85	1,184	--	4,679	971	--	--	0	168	--	7,421	0	51,860
29	Colorado	31,636	13	13,840	--	--	1,886	-109	--	0	56	26	3,164	53	50,566
30	Mississippi	12,958	17	23,267	25	10,999	--	--	--	1,417	7	--	--	12	48,701
31	Kansas	32,243	121	2,669	--	8,769	13	--	--	--	--	--	2,863	13	46,677
32	Wyoming	41,954	50	488	284	--	967	--	--	--	--	--	2,226	60	46,029
33	Maryland	24,162	330	1,768	269	14,550	1,889	--	--	175	376	--	--	256	43,775
34	Utah	35,526	36	6,444	28	--	835	--	279	--	48	--	160	187	43,543
35	New Mexico	29,117	45	8,661	--	--	271	--	--	--	34	--	1,547	--	39,674
36	Massachusetts	9,028	897	20,988	--	5,396	1,201	-534	--	115	1,108	0	6	761	38,967
37	Nevada	7,540	16	25,878	2	--	2,461	--	1,633	1	12	174	--	--	37,705
38	North Dakota	29,607	45	17	44	--	1,475	--	--	--	--	--	2,998	--	34,196
39	Nebraska	23,350	23	312	--	9,435	434	--	--	--	66	--	383	--	34,002
40	Connecticut	2,453	299	9,809	--	16,657	510	5	--	1	758	--	--	713	31,206
41	Montana	15,611	490	78	1	--	9,506	--	--	95	--	--	821	110	26,713
42	New Hampshire	2,886	183	5,342	--	8,817	1,680	--	--	984	151	--	62	58	20,164
43	Maine	72	433	7,355	--	--	4,212	--	--	3,367	273	--	299	339	16,350
44	Idaho	83	0	1,644	--	--	10,434	--	76	478	--	--	313	72	13,100
45	Hawaii	1,500	8,289	--	22	--	113	--	168	--	284	1	251	381	11,011
46	South Dakota	3,217	8	80	--	--	4,432	--	--	--	6	--	421	31	8,197
47	Rhode Island	--	17	7,530	--	--	5	--	--	--	145	--	--	--	7,697
48	Vermont	--	2	4	--	5,361	1,486	--	--	393	24	--	12	--	7,282
49	Alaska	631	1,157	3,577	--	--	1,324	--	--	--	7	--	7	--	6,702
50	Delaware	2,848	258	1,376	227	--	--	--	--	--	126	--	--	6	4,842
51	Dist. of Col.	--	35	--	--	--	--	--	--	--	--	--	--	--	35
	U.S. Total	**1,755,904**	**38,937**	**920,979**	**10,632**	**798,855**	**273,445**	**-4,627**	**15,009**	**36,050**	**18,443**	**891**	**73,886**	**11,928**	**3,950,331**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2008**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	147,132	1,034	193,247	3,401	40,727	1,039	--	--	976	438	--	16,225	569	404,788
2	Pennsylvania	117,583	938	18,731	610	78,658	2,549	-354	--	658	1,416	0	729	832	222,351
3	Florida	64,823	11,971	103,363	10	32,133	206	--	--	1,969	2,334	--	--	2,827	219,637
4	California	2,280	1,742	119,992	1,685	32,482	24,128	321	12,883	3,484	2,362	670	5,385	570	207,984
5	Illinois	96,644	143	4,260	54	95,152	139	--	--	1	697	--	2,337	49	199,475
6	Ohio	130,694	1,438	2,484	261	17,514	386	--	--	418	190	--	15	11	153,412
7	Alabama	74,605	204	22,363	204	38,993	6,136	--	--	3,324	34	--	--	8	145,870
8	New York	19,154	3,745	43,856	--	43,209	26,723	-672	--	555	1,513	--	1,251	987	140,322
9	Georgia	85,491	742	13,428	--	31,691	2,145	-157	--	2,660	122	--	--	51	136,173
10	Indiana	122,036	178	3,636	2,356	--	437	--	--	--	273	--	238	356	129,510
11	North Carolina	75,815	320	4,177	--	39,776	3,034	-121	--	1,800	120	2	--	316	125,239
12	Arizona	43,840	52	38,822	--	29,250	7,286	95	--	76	23	15	--	--	119,459
13	Michigan	69,855	458	9,602	264	31,484	1,364	-916	--	1,710	740	--	141	286	114,990
14	Washington	8,762	35	9,809	272	9,270	77,637	49	--	1,113	168	--	3,657	56	110,828
15	South Carolina	41,540	180	5,729	--	51,763	1,123	-1,267	--	1,696	120	--	--	94	100,978
16	Kentucky	91,621	2,874	979	4	--	1,917	--	--	351	109	--	--	9	97,863
17	Louisiana	24,100	2,305	45,344	1,101	15,371	1,064	--	--	2,639	71	--	--	458	92,453
18	West Virginia	89,113	137	180	50	--	1,248	--	--	0	--	--	392	2	91,123
19	Missouri	73,532	57	5,196	3	9,379	2,047	545	--	2	41	--	203	24	91,029
20	Tennessee	57,058	216	467	12	27,030	5,646	-739	--	879	36	--	50	8	90,663
21	Oklahoma	36,315	23	33,774	10	--	3,811	-168	--	23	170	--	2,358	13	76,329
22	Virginia	31,776	1,150	9,315	--	27,931	1,011	-1,638	--	1,916	782	--	--	434	72,679
23	New Jersey	9,028	325	20,752	159	32,195	26	-275	--	--	882	3	21	559	63,675
24	Wisconsin	41,706	931	5,244	--	12,155	1,616	--	--	775	492	--	487	74	63,480
25	Oregon	4,044	15	17,387	--	--	33,805	--	--	717	131	--	2,575	44	58,718
26	Arkansas	26,115	64	8,461	--	14,168	4,660	48	--	1,466	47	--	--	22	55,051
27	Minnesota	31,755	232	2,866	27	12,997	727	--	--	725	771	--	4,355	309	54,763
28	Colorado	34,828	19	13,487	--	--	2,039	-249	--	0	45	18	3,221	33	53,442
29	Iowa	40,410	161	2,163	--	5,282	819	--	--	0	167	--	4,084	0	53,087
30	Mississippi	16,683	76	20,607	40	9,397	--	--	--	1,386	5	--	--	10	48,206
31	Maryland	27,218	406	1,848	338	14,679	1,974	--	--	198	415	--	--	286	47,361
32	Kansas	34,003	130	2,230	--	8,497	11	--	--	--	--	--	1,759	--	46,630
33	Utah	38,020	44	7,366	36	--	668	--	254	--	24	--	24	143	46,579
34	Wyoming	43,808	44	495	289	--	835	--	--	--	--	--	963	67	46,500
35	Massachusetts	10,629	2,108	21,514	--	5,869	1,156	-798	--	123	1,129	0	4	773	42,505
36	New Mexico	27,014	53	7,966	--	--	312	--	--	--	19	--	1,643	3	37,010
37	Nevada	7,812	14	23,972	2	--	1,751	--	1,383	--	--	156	--	--	35,090
38	North Dakota	29,672	49	0	--	--	1,253	--	--	--	13	--	1,693	54	32,735
39	Nebraska	21,480	35	758	--	9,479	346	--	--	--	61	--	214	--	32,374
40	Connecticut	4,387	514	8,070	--	15,433	556	7	--	2	732	--	--	710	30,409
41	Montana	18,332	419	66	6	--	10,000	--	111	111	--	--	593	--	29,637
42	New Hampshire	3,451	136	7,073	--	9,350	1,633	--	--	1,010	155	--	10	58	22,877
43	Maine	352	533	7,380	--	--	4,457	--	--	3,669	258	--	132	315	17,095
44	Idaho	90	0	1,700	--	--	9,363	--	86	455	--	--	207	70	11,971
45	Hawaii	1,648	8,670	--	39	--	84	--	234	--	302	0	240	159	11,376
46	Delaware	5,267	219	1,387	476	--	--	--	--	--	163	--	--	11	7,524
47	Rhode Island	--	26	7,198	--	--	5	--	--	--	158	--	--	--	7,387
48	South Dakota	3,660	23	229	--	--	2,993	--	--	--	2	--	145	31	7,083
49	Vermont	--	4	3	--	4,895	1,493	--	--	415	--	--	10	--	6,820
50	Alaska	618	978	4,002	--	--	1,172	--	--	--	5	--	0	--	6,775
51	Dist. of Col.	--	72	--	--	--	--	--	--	--	--	--	--	--	72
	U.S. Total	**1,985,801**	**46,243**	**882,981**	**11,707**	**806,208**	**254,831**	**-6,288**	**14,951**	**37,300**	**17,734**	**864**	**55,363**	**11,692**	**4,119,388**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2007**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	147,279	1,309	199,531	3,601	40,955	1,644	--	--	914	367	--	9,006	885	405,492
2	Pennsylvania	122,693	1,484	19,198	534	77,376	2,236	-723	--	620	1,457	--	470	744	226,088
3	Florida	67,908	20,203	100,307	15	29,289	154	--	--	1,930	2,373	--	--	3,236	225,416
4	California	2,298	2,334	115,700	1,818	35,792	27,328	310	12,991	3,407	2,305	557	5,585	421	210,848
5	Illinois	95,265	132	7,542	134	95,729	154	--	--	--	620	--	664	21	200,261
6	Ohio	133,131	1,148	3,975	289	15,764	410	--	--	399	21	--	15	3	155,156
7	New York	21,406	8,195	45,634	--	42,453	25,253	-768	--	492	1,449	--	833	932	145,879
8	Georgia	90,298	788	16,079	--	32,545	2,236	-322	--	3,362	53	--	--	115	145,155
9	Alabama	77,994	157	23,232	178	34,325	4,136	--	--	3,784	17	--	--	4	143,826
10	Indiana	122,803	170	4,012	2,591	--	450	--	--	--	231	--	--	381	130,638
11	North Carolina	79,983	496	4,457	--	40,045	2,984	137	--	1,585	87	--	--	342	130,115
12	Michigan	70,811	699	13,141	282	31,517	1,270	-1,129	--	1,692	722	--	3	303	119,310
13	Arizona	41,275	49	38,469	--	26,782	6,598	125	--	--	33	--	--	--	113,341
14	Washington	8,557	37	7,287	334	8,109	78,829	45	--	1,116	176	--	2,438	62	106,990
15	South Carolina	41,583	217	5,965	0	53,200	1,556	-1,211	--	1,895	101	--	--	96	103,402
16	Kentucky	90,483	2,791	1,796	5	--	1,669	--	--	370	95	--	--	--	97,225
17	Tennessee	60,237	232	722	13	28,700	4,940	-704	--	868	52	--	50	3	95,113
18	West Virginia	91,866	200	389	56	--	1,254	--	--	--	--	--	168	0	93,933
19	Louisiana	23,051	2,251	43,915	1,811	17,078	827	--	--	2,898	82	--	--	666	92,578
20	Missouri	75,084	60	4,979	3	9,372	1,204	383	--	0	29	--	--	37	91,153
21	Virginia	35,421	2,097	10,904	--	27,268	1,248	-1,620	--	1,792	773	--	--	477	78,361
22	Oklahoma	34,438	160	33,144	22	--	3,066	-166	--	276	4	--	1,849	25	72,819
23	Wisconsin	40,028	1,013	6,489	--	12,910	1,516	--	--	785	435	--	109	104	63,391
24	New Jersey	10,211	453	18,752	161	32,010	21	-269	--	--	823	--	20	489	62,671
25	Oregon	4,352	14	14,858	--	--	33,587	--	--	843	139	--	1,247	38	55,078
26	Arkansas	25,744	94	8,364	--	15,486	3,237	30	--	1,581	43	--	--	17	54,596
27	Minnesota	32,190	405	3,842	26	13,103	654	--	--	727	566	--	2,639	325	54,478
28	Colorado	35,936	28	15,014	2	--	1,730	-168	--	--	31	2	1,292	41	53,907
29	Maryland	29,699	985	2,241	378	14,353	1,652	--	--	203	400	--	--	287	50,198
30	Kansas	36,250	207	2,133	--	10,369	11	--	--	--	--	--	1,153	16	50,122
31	Mississippi	17,407	399	21,335	42	9,359	--	--	--	1,488	5	--	--	7	50,044
32	Iowa	37,986	312	3,091	--	4,519	962	--	--	0	151	--	2,757	12	49,789
33	Massachusetts	12,024	3,052	24,925	--	5,120	797	-831	--	119	1,121	--	--	748	47,076
34	Wyoming	43,127	47	594	312	--	729	--	--	--	--	--	755	69	45,633
35	Utah	37,171	39	7,424	--	--	539	--	164	--	31	--	--	5	45,373
36	New Mexico	27,604	44	6,660	--	--	268	--	--	--	16	--	1,393	--	35,985
37	Connecticut	3,739	1,311	9,930	2	16,386	363	-15	--	2	728	--	--	726	33,171
38	Nevada	7,091	11	22,263	4	--	2,003	--	1,253	--	--	44	--	--	32,670
39	Nebraska	19,630	36	1,110	--	11,042	347	--	--	--	61	--	217	--	32,443
40	North Dakota	29,164	51	17	53	--	1,305	--	--	--	14	--	621	1	31,224
41	Montana	18,357	479	106	19	--	9,364	--	--	111	--	--	496	--	28,931
42	New Hampshire	3,927	385	5,754	--	10,764	1,265	--	--	970	153	--	--	59	23,277
43	Maine	376	818	6,675	--	--	3,738	--	--	3,848	260	--	99	315	16,129
44	Hawaii	1,579	8,914	--	45	--	92	--	230	--	285	--	238	149	11,533
45	Idaho	84	0	1,657	--	--	9,022	--	--	481	--	--	172	69	11,484
46	Delaware	5,622	241	1,902	721	--	--	--	--	--	48	--	--	--	8,534
47	Rhode Island	--	34	6,857	--	--	4	--	--	--	155	--	--	--	7,050
48	Alaska	641	1,010	3,868	--	--	1,291	--	--	0	10	9	1	--	6,821
49	South Dakota	2,655	63	351	--	--	2,917	--	--	--	--	--	150	0	6,137
50	Vermont	--	8	2	--	4,704	647	--	--	453	--	--	11	--	5,824
51	Dist. of Col.	--	75	--	--	--	--	--	--	--	--	--	--	--	75
	U.S. Total	**2,016,456**	**65,739**	**896,590**	**13,453**	**806,425**	**247,510**	**-6,896**	**14,637**	**39,014**	**16,525**	**612**	**34,450**	**12,231**	**4,156,745**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2006**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	146,391	1,789	197,870	3,798	41,264	662	--	--	892	256	--	6,671	989	400,583
2	Florida	65,423	22,904	96,186	17	31,426	203	--	--	1,979	2,352	--	--	3,261	223,752
3	Pennsylvania	122,558	1,518	13,542	554	75,298	2,844	-698	--	683	1,429	--	361	723	218,812
4	California	2,235	2,368	105,691	2,022	31,959	48,047	96	12,821	3,422	2,294	495	4,883	464	216,799
5	Illinois	91,649	136	5,279	149	94,154	173	--	--	--	594	--	255	38	192,427
6	Ohio	133,400	1,355	2,379	360	16,847	632	--	--	410	34	--	14	3	155,434
7	New York	20,968	6,778	42,134	--	42,224	27,345	-756	--	522	1,419	--	655	977	142,265
8	Alabama	78,109	180	19,407	131	31,911	7,252	--	--	3,865	19	--	--	21	140,895
9	Georgia	86,504	834	12,961	--	32,006	2,569	-400	--	3,362	57	--	--	118	138,010
10	Indiana	123,645	148	2,682	2,870	--	490	--	--	--	220	--	--	435	130,490
11	North Carolina	75,487	451	3,196	--	39,963	3,839	131	--	1,737	92	--	--	319	125,215
12	Michigan	67,780	402	11,410	412	29,066	1,520	-1,039	--	1,704	737	--	2	563	112,557
13	Washington	6,373	38	7,495	349	9,328	82,008	47	--	1,281	184	--	1,038	62	108,203
14	Arizona	40,443	73	32,869	--	24,012	6,793	149	--	8	32	13	--	--	104,393
15	South Carolina	39,473	237	6,068	0	50,797	1,807	-1,120	--	1,804	106	--	--	95	99,268
16	Kentucky	91,198	3,341	1,177	--	--	2,592	--	--	369	89	--	--	--	98,792
17	Tennessee	60,498	160	664	14	24,679	7,749	-668	--	698	58	--	55	5	93,911
18	West Virginia	91,473	175	362	53	--	1,572	--	--	--	0	--	174	6	93,816
19	Missouri	77,450	61	3,729	5	10,117	199	48	--	--	24	--	--	54	91,686
20	Louisiana	24,395	1,872	41,933	1,595	16,735	713	--	--	2,881	81	--	--	715	90,922
21	Virginia	34,288	839	7,215	--	27,594	1,351	-1,167	--	1,780	678	--	--	491	73,070
22	Oklahoma	35,032	64	32,981	16	--	624	-116	--	297	--	--	1,712	5	70,615
23	Wisconsin	40,116	877	5,358	--	12,234	1,679	--	--	774	390	--	101	110	61,640
24	New Jersey	10,862	270	15,668	110	32,568	35	-299	--	--	901	--	16	569	60,700
25	Oregon	2,371	12	11,239	--	--	37,850	--	--	799	99	--	931	40	53,341
26	Minnesota	33,070	494	2,561	--	13,183	572	--	--	590	414	--	2,055	298	53,238
27	Arkansas	24,183	161	9,282	--	15,233	1,551	15	--	1,689	33	--	--	22	52,169
28	Colorado	36,269	21	11,919	3	--	1,791	-201	--	--	31	--	866	--	50,698
29	Maryland	29,408	581	1,770	332	13,830	2,104	--	--	218	408	--	--	305	48,957
30	Mississippi	18,105	399	15,706	44	10,419	--	--	--	1,535	6	--	--	16	46,229
31	Massachusetts	11,138	2,328	23,307	--	5,830	1,513	-579	--	125	1,154	--	--	782	45,598
32	Kansas	33,281	51	1,839	4	9,350	10	--	--	--	--	--	992	22	45,524
33	Iowa	34,405	208	2,400	--	5,095	909	--	--	--	137	--	2,318	10	45,483
34	Wyoming	42,892	46	501	310	--	843	--	--	--	--	--	759	49	45,400
35	Utah	36,856	62	3,389	--	--	747	--	191	--	15	--	--	5	41,263
36	New Mexico	29,859	41	5,890	--	--	198	--	--	--	22	--	1,255	--	37,266
37	Connecticut	4,282	1,279	10,484	2	16,589	544	--	--	9	755	--	--	739	34,682
38	Nevada	7,254	17	21,184	4	--	2,058	--	1,344	--	--	--	--	--	31,860
39	Nebraska	20,683	19	759	--	9,003	893	--	--	--	52	--	261	--	31,670
40	North Dakota	28,879	42	7	59	--	1,521	--	--	--	4	--	369	--	30,881
41	Montana	17,085	419	68	11	--	10,130	--	--	94	--	--	436	--	28,244
42	New Hampshire	3,885	439	6,007	--	9,398	1,529	--	--	590	156	--	--	59	22,064
43	Maine	321	595	7,298	--	--	4,278	--	--	3,685	283	--	--	356	16,816
44	Idaho	82	0	1,298	--	--	11,242	--	--	520	--	--	170	73	13,386
45	Hawaii	1,549	9,054	--	43	--	120	--	212	--	326	--	80	176	11,559
46	Delaware	4,969	132	1,171	910	--	--	--	--	--	0	--	--	--	7,182
47	South Dakota	3,316	5	266	--	--	3,397	--	--	--	--	--	149	0	7,132
48	Vermont	--	7	2	--	5,107	1,519	--	--	439	--	--	11	--	7,084
49	Alaska	617	768	4,058	--	--	1,224	--	--	1	6	--	1	--	6,674
50	Rhode Island	--	33	5,780	--	--	6	--	--	--	149	--	--	--	5,968
51	Dist. of Col.	--	81	--	--	--	--	--	--	--	--	--	--	--	81
	U.S. Total	**1,990,511**	**64,166**	**816,441**	**14,177**	**787,219**	**289,246**	**-6,558**	**14,568**	**38,762**	**16,099**	**508**	**26,589**	**12,974**	**4,064,702**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2005**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	148,358	1,583	197,665	3,272	38,232	1,333	--	--	852	247	--	4,237	890	396,669
2	Florida	62,515	37,201	83,595	13	28,759	266	--	--	2,022	2,305	--	--	3,579	220,256
3	Pennsylvania	120,933	4,940	10,808	540	76,289	2,232	-711	--	687	1,358	--	284	731	218,091
4	California	2,135	2,544	93,354	2,280	36,155	39,632	120	13,023	3,609	2,224	537	4,262	420	200,293
5	Illinois	92,265	327	7,114	199	93,263	129	--	--	--	642	--	141	40	194,120
6	Ohio	136,826	1,390	2,696	298	14,803	516	--	--	406	27	--	13	2	156,976
7	New York	20,598	24,013	31,873	--	42,443	25,783	-781	--	528	1,358	--	103	971	146,887
8	Alabama	78,128	333	13,869	107	31,694	10,145	--	--	3,630	16	--	--	25	137,949
9	Georgia	87,182	1,033	9,771	--	31,534	4,032	-209	--	3,195	77	--	--	53	136,668
10	Indiana	122,833	261	3,615	2,722	--	438	--	--	--	68	--	--	434	130,372
11	North Carolina	78,436	519	3,159	--	39,982	5,397	147	--	1,709	98	--	--	303	129,749
12	Michigan	70,323	878	13,764	372	32,872	1,462	-1,106	--	1,776	717	--	2	562	121,620
13	South Carolina	39,692	618	5,414	6	53,138	2,938	-1,199	--	1,726	88	--	--	94	102,515
14	Washington	10,494	67	8,579	322	8,242	72,075	8	--	1,425	190	--	498	65	101,966
15	Arizona	40,144	43	28,893	--	25,807	6,410	107	--	12	48	--	--	--	101,479
16	Kentucky	89,083	3,681	1,654	5	--	2,961	--	--	358	--	--	--	17	97,822
17	Tennessee	59,051	231	531	15	27,803	9,310	-598	--	695	68	--	3	9	97,117
18	West Virginia	91,417	223	287	86	--	1,448	--	--	0	0	--	154	11	93,626
19	Louisiana	23,087	3,541	44,168	1,897	15,676	811	--	--	2,806	80	--	--	550	92,617
20	Missouri	77,437	169	3,866	2	8,031	1,159	86	--	--	9	--	--	70	90,828
21	Virginia	35,425	4,265	8,295	--	27,918	1,484	-1,421	--	1,803	695	--	--	479	78,943
22	Oklahoma	36,309	70	28,590	19	--	2,630	-154	--	289	--	--	848	6	68,608
23	Wisconsin	41,729	747	6,387	--	9,921	1,740	--	--	740	349	--	93	119	61,825
24	New Jersey	11,625	940	15,366	65	31,392	31	-283	--	--	875	--	--	538	60,550
25	Minnesota	32,950	776	2,707	--	12,835	775	--	--	656	413	--	1,582	324	53,019
26	Maryland	29,303	3,806	1,887	342	14,703	1,704	--	--	206	417	--	--	294	52,662
27	Colorado	35,570	17	11,923	2	--	1,415	-122	--	0	34	--	776	--	49,617
28	Oregon	3,466	78	13,191	--	--	30,948	--	--	768	98	--	734	40	49,325
29	Arkansas	23,037	208	6,006	--	13,690	3,083	21	--	1,708	28	--	--	15	47,795
30	Massachusetts	12,034	7,026	20,369	--	5,475	1,042	-462	--	120	1,138	--	--	772	47,515
31	Kansas	34,481	986	1,137	--	8,821	11	--	--	--	63	--	426	--	45,863
32	Wyoming	43,346	42	325	264	--	808	--	--	--	--	--	717	65	45,567
33	Mississippi	16,636	1,445	15,360	20	10,078	--	--	--	1,516	5	--	--	7	45,067
34	Iowa	34,252	150	2,481	--	4,538	960	--	--	--	117	--	1,647	12	44,156
35	Nevada	18,384	21	18,836	8	--	1,702	--	1,263	--	--	--	--	--	40,214
36	Utah	35,970	41	1,178	--	--	784	--	185	--	4	--	--	3	38,165
37	New Mexico	29,947	37	4,187	--	--	165	--	--	--	5	--	795	--	35,136
38	Connecticut	3,996	3,156	8,864	2	15,562	478	-2	--	7	746	--	--	740	33,550
39	North Dakota	30,259	34	8	59	--	1,342	--	--	--	10	--	220	--	31,933
40	Nebraska	20,818	31	803	0	8,802	871	--	--	--	43	--	97	--	31,465
41	Montana	17,823	415	27	15	--	9,587	--	--	72	--	--	--	--	27,939
42	New Hampshire	4,073	1,357	6,785	--	9,456	1,799	--	--	786	156	--	--	58	24,470
43	Maine	320	1,621	8,398	0	--	4,091	--	--	3,778	290	--	--	345	18,844
44	Hawaii	1,631	9,068	--	41	--	96	--	222	--	310	--	7	149	11,523
45	Idaho	95	0	1,597	--	--	8,542	--	--	560	--	--	--	31	10,825
46	Delaware	4,833	1,220	1,591	493	--	--	--	--	--	--	--	--	--	8,137
47	Alaska	624	759	3,724	--	--	1,464	--	--	0	5	14	1	--	6,577
48	South Dakota	2,996	21	271	--	--	3,075	--	--	--	--	--	158	0	6,521
49	Rhode Island	--	57	5,989	--	--	7	--	--	--	--	--	--	--	6,053
50	Vermont	--	10	2	--	4,072	1,211	--	--	410	--	--	11	--	5,717
51	Dist. of Col.	--	226	--	--	--	--	--	--	--	--	--	--	--	226
	U.S. Total	**2,012,873**	**122,225**	**760,960**	**13,464**	**781,986**	**270,321**	**-6,558**	**14,692**	**38,856**	**15,420**	**550**	**17,811**	**12,821**	**4,055,423**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2004**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	148,885	1,729	188,755	4,204	40,435	1,301	--	--	857	252	--	3,138	745	390,299
2	Florida	64,862	37,255	76,577	15	31,216	265	--	--	2,216	2,285	--	--	3,427	218,118
3	Pennsylvania	117,176	4,142	9,814	584	77,459	3,155	-686	--	680	1,289	--	306	740	214,659
4	California	2,238	2,263	100,222	2,066	30,268	34,141	-817	13,105	3,827	2,162	571	4,306	429	194,780
5	Illinois	94,402	762	3,393	246	92,047	154	--	--	--	744	--	78	132	191,958
6	Ohio	128,157	1,388	1,391	302	15,950	730	--	--	398	30	--	--	0	148,346
7	New York	22,853	21,205	27,294	--	40,640	23,990	-813	--	497	1,298	--	116	884	137,965
8	Alabama	74,832	295	15,977	182	31,636	10,626	--	--	3,756	23	--	--	28	137,355
9	Indiana	120,671	425	2,438	3,136	--	444	--	--	--	137	--	--	519	127,770
10	Georgia	79,943	947	6,130	--	33,748	3,692	-878	--	3,108	83	--	--	40	126,813
11	North Carolina	75,546	611	2,559	--	40,091	5,435	78	--	1,621	112	--	--	277	126,330
12	Michigan	68,606	896	14,548	599	30,562	1,540	-1,113	--	1,867	690	--	2	291	118,487
13	Arizona	39,811	41	28,265	--	28,113	6,973	-53	--	--	44	4	--	1,368	104,564
14	Washington	10,409	86	8,469	275	8,982	71,576	-10	--	1,389	185	--	737	67	102,165
15	Louisiana	23,658	3,903	46,170	2,533	17,080	1,099	--	--	2,890	77	--	--	764	98,172
16	South Carolina	38,922	871	3,798	0	51,201	2,447	-1,149	--	1,694	69	--	--	87	97,940
17	Tennessee	58,060	191	292	13	28,612	10,408	-818	--	784	42	--	4	6	97,595
18	Kentucky	86,121	3,621	580	--	--	3,780	--	--	349	62	--	--	--	94,530
19	West Virginia	87,585	268	255	148	--	1,318	--	--	1	2	--	161	13	89,750
20	Missouri	75,024	196	2,865	2	7,831	1,480	115	--	0	9	--	--	110	87,633
21	Virginia	35,656	5,154	6,438	--	28,315	1,583	-1,166	--	1,733	699	--	--	488	78,900
22	Oklahoma	33,801	68	23,286	--	--	2,977	-234	--	250	--	--	573	9	60,730
23	Wisconsin	42,148	796	2,405	--	11,888	1,981	--	--	605	405	--	104	114	60,445
24	New Jersey	10,322	1,425	15,962	39	27,082	38	-287	--	--	806	--	--	496	55,882
25	Minnesota	34,000	783	1,458	--	13,296	738	--	--	652	332	--	812	292	52,364
26	Maryland	29,195	3,297	1,183	412	14,580	2,508	--	--	192	397	--	--	289	52,053
27	Arkansas	25,354	539	5,069	--	15,450	3,643	25	--	1,778	33	--	--	38	51,928
28	Oregon	3,556	63	13,525	--	--	33,081	--	--	410	86	--	619	42	51,381
29	Colorado	35,848	14	10,747	2	--	1,195	-192	--	0	35	--	220	--	47,869
30	Massachusetts	10,526	7,533	20,972	--	5,939	998	-498	--	114	1,116	--	--	801	47,500
31	Kansas	34,593	854	832	2	10,133	13	--	--	--	--	--	359	16	46,783
32	Wyoming	43,346	46	87	13	--	593	--	--	--	--	--	617	107	44,808
33	Mississippi	17,478	2,777	11,619	41	10,233	--	--	--	1,511	3	--	--	2	43,663
34	Iowa	35,272	109	825	--	4,929	946	--	--	--	106	--	1,050	12	43,248
35	Utah	36,618	33	910	--	--	450	--	195	--	4	--	--	3	38,212
36	Nevada	18,257	96	16,381	21	--	1,615	--	1,298	--	--	--	--	--	37,667
37	New Mexico	29,264	31	2,993	--	--	139	--	--	--	--	--	513	--	32,940
38	Connecticut	4,255	1,740	8,108	--	16,539	463	8	--	5	752	--	--	763	32,633
39	Nebraska	20,457	22	297	0	10,241	913	--	--	--	40	--	38	--	32,009
40	North Dakota	28,064	38	9	58	--	1,546	--	--	--	6	--	215	--	29,936
41	Montana	17,380	439	28	23	--	8,856	--	--	62	--	--	--	--	26,789
42	New Hampshire	4,076	1,960	5,400	--	10,178	1,316	--	--	728	155	--	--	63	23,876
43	Maine	359	1,312	9,832	0	--	3,430	--	--	3,187	411	--	--	567	19,099
44	Hawaii	1,604	8,945	--	48	--	94	--	213	--	329	--	7	171	11,410
45	Idaho	99	0	1,704	--	--	8,462	--	--	560	--	--	--	38	10,863
46	Delaware	4,744	1,104	1,718	290	--	--	--	--	--	--	--	--	--	7,856
47	South Dakota	3,620	23	112	--	--	3,598	--	--	--	--	--	158	--	7,510
48	Alaska	649	747	3,623	--	--	1,498	--	--	0	9	--	--	--	6,527
49	Vermont	--	18	3	--	3,858	1,187	--	--	393	--	--	11	--	5,470
50	Rhode Island	--	49	4,784	--	--	5	--	--	--	102	--	--	--	4,939
51	Dist. of Col.	--	36	--	--	--	--	--	--	--	--	--	--	--	36
	U.S. Total	**1,978,301**	**121,145**	**710,100**	**15,252**	**788,528**	**268,417**	**-8,488**	**14,811**	**38,117**	**15,421**	**575**	**14,144**	**14,232**	**3,970,555**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2003**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	146,990	2,515	184,911	5,999	33,437	897	--	--	1,036	360	--	2,570	484	379,200
2	Florida	67,675	37,205	68,293	11	30,979	263	--	--	2,210	2,264	--	--	3,711	212,610
3	Pennsylvania	116,010	4,535	5,519	508	74,361	3,346	-739	--	735	1,251	--	112	712	206,350
4	California	2,326	2,392	91,432	1,759	35,594	36,371	-912	12,982	3,880	2,254	534	3,895	281	192,789
5	Illinois	87,981	1,121	3,902	204	94,733	139	--	--	--	801	--	18	156	189,055
6	Ohio	134,769	410	1,794	213	8,475	511	--	--	407	33	--	--	26	146,638
7	New York	23,581	19,292	28,156	--	40,679	24,269	-912	--	412	1,283	--	41	843	137,643
8	Alabama	76,696	337	12,244	170	31,677	12,665	--	--	3,649	24	--	--	26	137,487
9	North Carolina	74,776	784	1,580	0	40,907	7,201	119	--	1,862	114	--	--	239	127,582
10	Indiana	117,756	455	3,049	2,592	--	424	--	--	--	119	--	--	492	124,888
11	Georgia	78,638	1,194	4,277	--	33,257	4,140	-636	--	3,039	134	--	--	33	124,077
12	Michigan	67,777	1,064	11,375	2	27,954	1,386	-1,017	--	1,768	727	--	3	309	111,347
13	Washington	11,090	67	7,083	303	7,615	71,757	-3	--	1,343	182	--	604	56	100,095
14	Louisiana	22,889	2,938	45,434	2,687	16,126	892	--	--	3,014	65	--	--	840	94,885
15	West Virginia	92,469	248	278	170	--	1,356	--	--	0	4	--	170	17	94,712
16	Arizona	38,091	49	18,933	--	28,581	7,075	284	--	--	45	0	--	1,339	94,396
17	South Carolina	37,432	457	1,663	0	50,418	3,665	-1,207	--	1,244	52	--	--	49	93,773
18	Tennessee	54,921	406	627	3	24,153	12,004	-729	--	767	59	--	4	7	92,222
19	Kentucky	84,061	2,945	444	--	--	3,948	--	--	298	--	--	--	22	91,719
20	Missouri	74,212	157	2,624	2	9,700	652	-254	--	0	8	--	--	124	87,225
21	Virginia	37,093	5,780	4,619	3	24,816	1,782	-1,498	--	1,588	674	--	--	453	75,309
22	Oklahoma	36,676	161	21,823	45	--	1,798	-206	--	267	--	--	54	7	60,627
23	Wisconsin	41,717	473	2,478	--	12,215	1,843	--	--	757	371	--	98	170	60,122
24	New Jersey	9,790	1,542	14,776	255	29,709	39	-120	--	--	907	--	--	502	57,399
25	Minnesota	35,656	873	1,844	--	13,414	815	--	--	657	486	--	978	329	55,051
26	Maryland	29,939	3,572	1,196	325	13,691	2,647	--	--	225	371	--	--	278	52,244
27	Arkansas	23,504	289	7,301	--	14,689	2,655	--	--	1,749	95	--	--	109	50,401
28	Oregon	4,305	44	10,244	--	--	33,250	--	--	554	85	--	444	41	48,966
29	Massachusetts	10,896	7,459	22,424	--	4,978	1,075	-511	--	120	1,134	--	--	810	48,385
30	Colorado	36,116	34	9,226	4	--	1,262	-204	--	--	31	--	147	--	46,617
31	Kansas	35,110	964	1,226	--	8,890	12	--	--	--	1	--	366	--	46,568
32	Wyoming	42,341	45	280	--	--	594	--	--	--	--	--	366	--	43,627
33	Iowa	35,820	101	313	--	3,988	789	--	--	--	114	--	982	10	42,116
34	Mississippi	17,083	1,632	9,477	32	10,902	--	--	--	1,015	7	--	--	0	40,148
35	Utah	35,979	33	1,383	--	--	421	--	198	--	5	--	--	4	38,024
36	Nevada	17,086	17	13,253	17	--	1,757	--	1,066	--	--	--	--	--	33,195
37	New Mexico	28,813	51	3,519	--	--	171	--	--	--	--	--	183	--	32,736
38	North Dakota	29,427	52	9	50	--	1,724	--	--	--	1	--	59	--	31,322
39	Nebraska	20,954	49	381	0	7,997	980	--	--	--	56	--	38	--	30,456
40	Connecticut	4,200	2,063	5,062	--	16,078	564	0	--	--	786	--	--	792	29,545
41	Montana	17,049	402	25	20	--	8,702	--	--	71	--	--	--	--	26,269
42	New Hampshire	3,923	2,045	4,165	--	9,276	1,331	--	--	637	159	--	--	60	21,597
43	Maine	377	1,920	9,439	0	--	3,173	--	--	3,288	298	--	--	478	18,972
44	Hawaii	1,644	8,503	--	40	--	91	--	178	--	347	--	2	172	10,976
45	Idaho	90	0	1,375	--	--	8,354	--	--	541	--	--	--	63	10,423
46	South Dakota	3,431	16	176	--	--	4,276	--	--	--	--	--	44	--	7,944
47	Delaware	4,026	1,717	1,464	185	--	--	--	--	--	--	--	--	--	7,392
48	Alaska	550	846	3,354	--	--	1,583	10	--	1	5	--	--	--	6,339
49	Vermont	--	23	2	--	4,444	1,154	--	--	394	--	--	11	--	6,028
50	Rhode Island	--	58	5,455	--	--	6	--	--	--	102	--	--	--	5,621
51	Dist. of Col.	--	74	--	--	--	--	--	--	--	--	--	--	--	74
	U.S. Total	**1,973,737**	**119,406**	**649,908**	**15,600**	**763,733**	**275,806**	**-8,535**	**14,424**	**37,529**	**15,812**	**534**	**11,187**	**14,045**	**3,883,185**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2002**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	141,847	1,621	196,433	3,053	35,618	1,123	--	--	1,073	246	--	2,656	1,957	385,629
2	Pennsylvania	113,906	2,733	6,716	569	76,089	2,211	-658	--	766	1,238	--	58	695	204,323
3	Florida	65,926	33,681	63,164	13	33,704	184	--	--	1,553	2,187	--	--	2,940	203,353
4	Illinois	86,685	223	9,079	233	90,860	129	--	--	--	724	--	--	122	188,054
5	California	2,328	1,961	89,624	1,240	34,352	31,141	-241	13,074	3,958	2,019	554	3,803	398	184,210
6	Ohio	132,953	389	1,767	207	10,865	488	--	--	126	25	--	--	249	147,069
7	New York	23,239	11,534	38,451	--	39,617	25,048	-921	--	412	1,314	--	82	815	139,592
8	Alabama	72,042	312	15,904	113	31,857	8,825	--	--	3,727	18	--	--	123	132,921
9	Georgia	78,828	1,205	6,889	--	31,108	2,716	-648	--	6,219	162	--	--	34	126,512
10	Indiana	117,660	617	3,782	3,006	--	411	--	--	--	116	--	--	16	125,608
11	North Carolina	75,188	592	3,561	1	39,627	3,492	25	--	1,683	103	--	--	196	124,468
12	Michigan	66,700	1,103	15,853	10	31,087	1,669	-1,036	--	1,475	745	--	0	281	117,889
13	Washington	8,661	73	4,719	313	9,048	78,167	-5	--	1,126	181	--	417	64	102,765
14	South Carolina	36,948	300	4,498	0	53,326	1,390	-1,143	--	1,229	16	--	--	--	96,563
15	Tennessee	59,706	270	470	12	27,574	7,974	-696	--	751	45	--	4	6	96,114
16	Louisiana	22,051	1,865	47,901	1,498	17,305	891	--	--	2,749	62	--	--	650	94,971
17	West Virginia	92,951	298	241	175	--	1,066	--	--	0	6	--	9	17	94,762
18	Arizona	38,227	57	17,293	--	30,862	7,427	124	--	--	53	0	--	88	94,132
19	Kentucky	83,274	3,068	1,374	--	--	4,025	--	--	365	--	--	--	--	92,107
20	Missouri	67,435	529	3,544	--	8,390	1,357	-159	--	0	9	--	--	58	81,162
21	Virginia	38,082	3,793	4,387	--	27,346	868	-1,989	--	1,408	663	--	--	447	75,006
22	New Jersey	9,605	731	19,069	90	30,866	12	-146	--	--	847	--	--	495	61,569
23	Oklahoma	35,965	50	21,049	71	--	1,988	-178	--	239	--	--	--	--	59,183
24	Wisconsin	39,807	423	2,076	--	12,449	2,515	--	--	645	324	--	46	146	58,431
25	Minnesota	33,920	653	1,592	--	13,685	809	--	--	377	503	--	906	332	52,778
26	Maryland	28,712	2,282	2,214	505	12,128	1,661	--	--	183	339	--	--	255	48,279
27	Arkansas	23,098	160	4,603	--	14,559	3,436	--	--	1,581	5	--	--	171	47,612
28	Kansas	35,369	509	1,789	--	9,042	13	--	--	--	--	--	467	--	47,188
29	Oregon	3,780	7	7,813	--	--	34,413	--	--	624	49	--	376	38	47,099
30	Colorado	35,388	23	9,028	3	--	1,209	-220	--	--	30	--	139	--	45,600
31	Wyoming	41,923	40	713	--	--	584	--	--	--	--	--	447	77	43,784
32	Mississippi	14,853	30	16,971	38	10,059	--	--	--	937	0	--	--	--	42,889
33	Iowa	35,372	64	555	--	4,574	946	--	--	0	98	--	919	0	42,528
34	Massachusetts	11,503	6,800	15,869	--	5,769	875	-843	--	107	1,165	--	--	783	42,028
35	Utah	34,488	54	1,380	--	--	458	--	218	--	6	--	--	5	36,608
36	Nevada	16,413	25	12,211	45	--	2,268	--	1,127	--	--	--	--	--	32,089
37	Nebraska	19,944	21	413	0	10,122	1,097	--	--	--	13	--	8	--	31,618
38	Connecticut	3,227	2,338	8,868	9	14,918	335	-10	--	--	821	--	--	804	31,311
39	North Dakota	29,612	39	8	55	--	1,593	--	--	--	0	--	--	--	31,306
40	New Mexico	26,903	33	3,442	--	--	265	--	--	--	19	--	--	--	30,662
41	Montana	15,338	470	17	19	--	9,567	--	--	63	--	--	--	--	25,474
42	Maine	604	1,229	13,504	0	--	2,768	--	--	3,724	320	--	--	386	22,535
43	New Hampshire	3,722	650	220	--	9,295	1,141	--	--	700	165	--	--	60	15,953
44	Hawaii	1,546	9,467	--	41	--	95	--	73	--	297	--	2	143	11,663
45	Idaho	91	0	329	--	--	8,769	--	--	508	--	--	--	90	9,787
46	South Dakota	3,272	5	86	--	--	4,354	--	--	--	--	--	6	--	7,722
47	Rhode Island	--	58	6,310	--	--	4	--	--	--	98	--	--	587	7,057
48	Alaska	575	962	3,778	--	--	1,439	--	--	1	11	--	--	--	6,767
49	Delaware	3,464	950	1,443	146	--	--	--	--	--	--	--	--	--	6,002
50	Vermont	--	9	3	--	3,963	1,115	--	--	356	--	--	10	--	5,456
51	Dist. of Col.	--	262	--	--	--	--	--	--	--	--	--	--	--	262
	U.S. Total	**1,933,130**	**94,567**	**691,006**	**11,463**	**780,064**	**264,329**	**-8,743**	**14,491**	**38,665**	**15,044**	**555**	**10,354**	**13,527**	**3,858,452**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2001**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	135,100	2,803	190,111	1,574	38,163	1,200	--	--	898	96	--	1,188	1,447	372,580
2	California	2,233	3,055	111,932	1,131	33,220	25,542	-350	12,181	3,324	2,083	542	3,500	204	198,596
3	Pennsylvania	111,900	3,563	3,036	613	73,731	1,650	-615	--	597	1,288	--	11	803	196,577
4	Florida	68,228	40,580	43,570	1	31,583	148	--	--	1,828	1,962	--	--	3,046	190,945
5	Illinois	79,551	1,506	4,606	356	92,358	144	--	--	--	115	--	--	50	179,249
6	New York	23,432	16,512	38,697	115	40,395	23,084	-931	--	503	1,278	--	21	809	143,915
7	Ohio	124,213	417	924	302	15,464	511	--	--	403	28	--	--	--	142,262
8	Alabama	72,198	435	9,613	189	30,357	8,356	--	--	4,172	17	--	--	8	125,345
9	Indiana	116,067	491	2,332	2,979	--	571	--	--	--	--	--	--	16	122,570
10	Georgia	74,561	1,171	3,866	--	33,682	2,596	-570	--	2,974	28	--	--	8	118,317
11	North Carolina	72,958	656	1,534	1	37,775	2,596	--	--	1,642	109	--	--	225	117,496
12	Michigan	68,263	750	13,174	6	26,711	1,562	-1,127	--	1,700	661	--	0	146	111,846
13	Tennessee	59,730	400	456	18	28,576	6,947	-734	--	779	43	--	--	7	96,222
14	Kentucky	90,799	124	630	--	--	3,856	--	--	10	--	--	--	--	95,418
15	Arizona	40,061	314	12,872	--	28,724	7,624	276	--	--	39	0	--	--	89,911
16	South Carolina	36,699	308	1,176	0	49,870	1,225	-1,036	--	866	28	--	--	22	89,159
17	Louisiana	21,968	3,450	40,373	441	17,336	732	--	--	2,641	64	--	--	890	87,894
18	Washington	9,082	320	9,374	--	8,250	54,734	--	--	1,065	156	--	--	66	83,049
19	West Virginia	80,214	279	276	90	--	952	--	--	1	14	--	--	11	81,837
20	Missouri	65,749	638	3,874	--	8,384	1,104	-266	--	--	9	--	--	54	79,545
21	Virginia	37,770	5,462	4,196	--	25,759	1,014	-2,240	--	1,148	599	--	--	397	74,105
22	New Jersey	9,319	1,297	16,708	449	30,469	18	-142	--	--	844	--	--	459	59,421
23	Wisconsin	41,253	448	2,234	--	11,507	2,056	--	--	705	325	--	72	163	58,763
24	Oklahoma	34,616	175	17,944	68	--	2,345	-128	--	231	50	--	--	--	55,249
25	Mississippi	19,196	5,144	17,751	--	9,924	--	--	--	1,432	--	--	--	0	53,446
26	Maryland	28,379	3,022	1,761	440	13,656	1,184	--	--	12	361	--	--	248	49,062
27	Minnesota	31,819	625	1,200	--	11,789	832	--	--	575	505	--	897	282	48,523
28	Arkansas	24,764	879	2,707	--	14,781	2,548	--	--	1,505	7	--	--	0	47,192
29	Colorado	35,951	176	9,392	--	--	1,495	-251	--	--	64	--	49	--	46,876
30	Oregon	4,445	102	10,983	--	--	28,645	--	--	701	--	--	89	38	45,052
31	Wyoming	42,789	36	592	8	--	879	--	--	--	--	--	365	108	44,777
32	Kansas	31,768	617	1,951	--	10,347	26	--	--	--	--	--	40	--	44,749
33	Iowa	34,665	103	593	--	3,853	845	--	--	--	104	--	488	8	40,659
34	Massachusetts	11,051	8,512	11,697	--	5,144	703	-711	--	130	1,183	--	--	771	38,478
35	Utah	33,679	58	1,446	--	--	508	--	186	--	5	--	--	4	35,887
36	Nevada	17,737	912	11,514	--	--	2,514	--	1,200	--	--	--	--	--	33,876
37	New Mexico	28,402	66	4,887	--	--	237	--	--	--	19	--	--	--	33,612
38	Connecticut	3,736	5,173	4,088	1	15,428	286	--	--	--	909	--	--	869	30,491
39	Nebraska	20,239	28	349	--	8,726	1,124	--	--	--	17	--	3	0	30,485
40	North Dakota	28,877	48	3	65	--	1,332	--	--	--	8	--	--	--	30,332
41	Montana	17,036	498	20	--	--	6,613	--	--	65	--	--	--	--	24,232
42	Maine	528	2,102	10,053	--	--	2,645	--	--	3,530	296	--	--	411	19,565
43	New Hampshire	3,706	482	119	--	8,693	991	--	--	859	167	--	--	59	15,075
44	Hawaii	1,605	8,224	--	38	--	101	--	207	--	288	--	2	169	10,633
45	Idaho	72	4	1,405	--	--	7,223	--	--	533	679	--	--	109	9,347
46	Rhode Island	--	70	7,325	--	--	3	--	--	--	104	--	--	--	7,502
47	South Dakota	3,612	52	305	--	--	3,432	--	--	--	--	--	1	--	7,401
48	Delaware	3,369	1,707	1,575	157	--	--	--	--	--	--	--	--	--	6,808
49	Alaska	565	937	3,896	--	--	1,346	--	--	--	--	--	1	--	6,744
50	Vermont	--	32	11	--	4,171	884	--	--	370	--	--	12	--	5,481
51	Dist. of Col.	--	123	--	--	--	--	--	--	--	--	--	--	--	123
	U.S. Total	**1,903,956**	**124,880**	**639,129**	**9,039**	**768,826**	**216,961**	**-8,823**	**13,774**	**35,200**	**14,548**	**543**	**6,737**	**11,906**	**3,736,677**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Note: EIA only records data from Utah's Blundell Geothermal Plant (153 GWh) and not the Cove Fort Plant (32 GWh) in 2001; the correction was made above. Cove Fort closed in early 2002.

Source: EIA, *Electric Power Annual* - Historical state-level tables

Table 5.9 **U.S. Electricity Net Generation by Energy Source, 2000**

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Gigawatthours

Rank	State	Coal	Pet.	Nat. Gas	Other Gases[1]	Nuclear	Hydro	Pumped Storage	Geo.	Wood[2]	Other Biomass[3]	Solar	Wind	Other[4]	Total
1	Texas	140,672	2,816	188,733	3,798	37,556	829	--	--	1,152	126	0	492	1,568	377,742
2	California	2,364	2,840	103,219	2,687	35,176	38,334	938	12,308	3,574	2,610	493	3,518	22	208,082
3	Pennsylvania	116,213	3,748	2,699	598	73,771	2,290	-411	--	692	2,029	--	10	49	201,688
4	Florida	72,742	35,743	43,203	23	32,291	87	--	--	2,059	3,631	--	--	2,036	191,816
5	Illinois	82,323	633	4,666	384	89,438	144	--	--	--	908	--	--	--	178,496
6	Ohio	129,579	354	825	290	16,781	583	--	--	621	27	--	--	--	149,060
7	New York	25,010	14,945	39,729	86	31,508	24,910	-990	--	640	2,232	--	10	--	138,079
8	Indiana	121,478	970	2,055	2,599	--	588	--	--	--	130	--	--	--	127,820
9	Alabama	77,518	366	5,028	230	31,369	5,818	--	--	4,047	29	--	--	1	124,405
10	Georgia	80,100	1,621	4,251	--	32,473	2,481	-155	--	3,015	89	--	--	2	123,877
11	North Carolina	75,945	826	1,130	--	39,127	3,138	108	--	1,664	109	--	--	226	122,274
12	Washington	9,445	485	7,700	248	8,605	80,263	--	--	1,241	251	--	--	--	108,237
13	Michigan	68,267	1,189	12,607	--	18,882	1,428	-1,054	--	1,791	1,099	--	--	0	104,210
14	Tennessee	62,220	562	649	14	25,825	6,396	-731	--	761	39	--	--	105	95,839
15	South Carolina	39,208	445	933	1	50,888	1,533	-1,082	--	1,351	69	--	--	--	93,346
16	Kentucky	90,063	145	461	--	--	2,325	--	--	12	--	--	--	--	93,006
17	Louisiana	23,489	2,076	46,129	1,599	15,796	532	--	--	2,698	95	--	--	452	92,866
18	West Virginia	91,202	263	140	95	--	1,151	--	--	--	14	--	--	0	92,865
19	Arizona	40,993	190	8,735	--	30,381	8,354	289	--	--	5	--	--	--	88,947
20	Virginia	39,761	2,939	4,653	--	28,321	712	-1,341	--	1,677	467	--	--	--	77,189
21	Missouri	62,904	253	2,955	--	9,992	600	-192	--	--	83	--	--	--	76,594
22	Wisconsin	42,303	447	2,237	--	11,512	1,986	5	--	841	310	--	3	--	59,644
23	New Jersey	10,090	1,085	16,509	585	28,578	14	-141	--	--	1,364	--	--	--	58,085
24	Oklahoma	35,658	53	17,503	61	--	2,277	-127	--	146	2	--	--	--	55,572
25	Oregon	3,803	68	9,100	--	--	38,116	--	--	541	95	--	67	--	51,790
26	Minnesota	33,748	475	1,265	--	12,960	931	--	--	522	797	--	725	--	51,423
27	Maryland	29,451	2,389	2,853	75	13,827	1,733	--	--	180	639	--	--	--	51,145
28	Wyoming	43,574	38	539	9	--	1,011	--	--	--	--	--	246	77	45,494
29	Kansas	32,507	421	2,811	0	9,061	15	--	--	--	--	--	--	--	44,816
30	Colorado	35,381	109	7,157	--	--	1,454	45	--	--	18	--	--	--	44,166
31	Arkansas	24,168	222	3,863	--	11,652	2,370	--	--	1,587	7	--	--	8	43,876
32	Iowa	35,067	102	434	--	4,453	904	--	--	--	89	--	494	--	41,542
33	Massachusetts	11,154	8,763	10,707	--	5,512	1,065	-700	--	122	2,075	--	--	--	38,698
34	Mississippi	13,877	2,982	8,381	--	10,695	--	--	--	1,680	0	--	--	--	37,615
35	Utah	34,491	58	890	258	--	746	--	186	--	9	--	--	--	36,639
36	Nevada	18,932	65	12,667	--	--	2,429	--	1,371	--	0	--	--	21	35,485
37	New Mexico	29,066	88	4,638	--	--	221	--	--	--	8	--	--	--	34,022
38	Connecticut	3,186	6,679	4,062	--	16,365	526	-4	--	--	2,153	--	--	--	32,968
39	North Dakota	29,069	61	2	48	--	2,123	--	--	--	8	--	--	--	31,311
40	Nebraska	18,458	55	451	--	8,629	1,501	--	--	--	17	--	--	--	29,110
41	Montana	16,201	520	27	34	--	9,623	--	--	47	--	--	--	--	26,452
42	New Hampshire	3,965	471	139	--	7,922	1,427	--	--	862	244	--	--	--	15,031
43	Maine	650	2,797	3,044	--	--	3,591	--	--	3,241	581	--	--	144	14,048
44	Idaho	71	7	299	--	--	10,967	--	--	483	--	--	--	84	11,910
45	Hawaii	1,579	8,052	--	42	--	103	--	262	--	538	--	17	--	10,593
46	South Dakota	3,671	52	259	--	--	5,716	--	--	--	--	--	--	--	9,697
47	Vermont	--	61	91	22	4,548	1,221	--	--	348	--	--	12	--	6,303
48	Alaska	539	640	3,976	--	--	1,002	--	--	--	--	--	--	--	6,157
49	Delaware	4,112	849	841	167	--	--	--	--	--	19	--	--	--	5,987
50	Rhode Island	--	60	5,792	--	--	5	--	--	--	115	--	--	--	5,972
51	Dist. of Col.	--	144	--	--	--	--	--	--	--	--	--	--	--	144
	U.S. Total	**1,966,265**	**111,221**	**601,038**	**13,955**	**753,893**	**275,573**	**-5,543**	**14,128**	**37,595**	**23,131**	**493**	**5,593**	**4,794**	**3,802,135**

[1]Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels

[2]Wood and wood derived fuels includes paper pellets, railroad ties, utility poles, wood chips, bark, red liquor, sludge wood, spent sulfite liquor, and black liquor

[3]Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts (including digester gases and methane)

[4]Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels, and miscellaneous technologies

Note: EIA only records data from Utah's Blundell Geothermal Plant (152 GWh) and not the Cove Fort Plant (35 GWh) in 2000; the correction was made above. Cove Fort closed in early 2002.

Source: EIA, *Electric Power Annual* - Historical state-level tables