

Table 6.1a Total Renewable Electric Generating Nameplate Capacity by Source and State, 2015

Megawatts

Rank % renewable)	(by State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Vermont		325	82	3	33	121	564	700	80.6%
2	Washington		21,088	397	77	1	3,078	24,640	31,744	77.6%
3	Idaho	18	2,541	106	35		967	3,667	4,984	73.6%
4	Oregon	37	8,451	347	58	19	3,158	12,071	16,548	72.9%
5	Dist. of Columbia				14			14	25	56.6%
6	South Dakota		1,602				838	2,440	4,395	55.5%
7	Montana		2,628	4			662	3,294	6,367	51.7%
8	Maine		717	834	50		613	2,214	4,911	45.1%
9	North Dakota		614		10		2,265	2,889	7,771	37.2%
10	Iowa		129		23		6,314	6,466	18,307	35.3%
11	California	2,917	10,044	883	631	7,057	5,741	27,272	79,949	34.1%
12	Minnesota		215	372	212	4	3,248	4,051	17,402	23.3%
13	Kansas		7		9	1	3,574	3,591	15,506	23.2%
14	Nevada	702	1,052		3	979	150	2,886	12,621	22.9%
15	Colorado		661	11	21	194	2,969	3,857	17,529	22.0%
16	Oklahoma		815	68	20	3	5,012	5,918	27,111	21.8%
17	Hawaii	51	26		256	44	206	583	2,921	20.0%
18	New Hampshire		425	243	36		171	876	4,602	19.0%
19	Alaska		446		12			518	2,807	18.5%
20	Wyoming		303				1,433	1,736	9,426	18.4%
21	New York		4,672	223	430	81	1,751	7,157	43,539	16.4%
22	New Mexico	4	82		2	312	1,062	1,462	9,161	16.0%
23	Texas		707	384	136	319	17,664	19,209	127,017	15.1%
24	Arizona		2,718	30	6	1,516	267	4,537	31,578	14.4%
25	Nebraska		332		16		885	1,233	9,286	13.3%
26	Alabama		3,319	718	6			4,044	32,849	12.3%
27	Tennessee		2,499	186	15	48	29	2,776	22,843	12.2%
28	North Carolina		1,890	435	92	1,444		3,861	34,136	11.3%
29	Arkansas		1,321	350	28	12		1,711	16,366	10.5%
30	Utah	84	262		15	166	324	852	9,148	9.3%
31	Wisconsin		527	326	112	1	638	1,603	19,082	8.4%
32	Georgia		1,965	936	37	241		3,179	39,045	8.1%
33	Illinois		40		125	33	3,825	4,022	51,604	7.8%
34	Michigan		366	375	240	2	1,530	2,512	33,031	7.6%
35	South Carolina		1,364	435	50	3		1,851	24,586	7.5%
36	Maryland		551	4	160	91	190	995	13,775	7.2%
37	Massachusetts		269	18	340	344	84	1,055	14,659	7.2%
38	Indiana		92		80	130	1,740	2,041	29,708	6.9%
39	Virginia		822	662	355			1,839	26,846	6.9%
40	Pennsylvania		920	144	508	49	1,334	2,954	46,258	6.4%
41	West Virginia		327		2		583	912	15,846	5.8%
42	Missouri		506		17	12	459	993	23,837	4.2%
43	Connecticut		119	43	210	10		381	9,617	4.0%
44	Kentucky		804	93	18			915	24,017	3.8%
45	New Jersey		15		264	444	9	732	20,551	3.6%
46	Rhode Island		3		40	10	8	61	2,052	3.0%
47	Ohio		129	81	99	44	432	784	31,559	2.5%
48	Florida			590	977	85		1,651	67,136	2.5%
49	Louisiana		192	546	15			754	30,812	2.4%
50	Mississippi			294	2			296	18,166	1.6%
51	Delaware		56		12	31	2		3,628	
	U.S. Total	3,812	78,957	10,219	5,881	13,758	73,393	186,020	1,167,365	15.9%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1b Total Renewable Electric Generating Nameplate Capacity by Source and State, 2014

Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Vermont		315	83	3	30	121	552	687	80.3%
2	Washington		20,977	335	71	1	3,078	24,462	31,660	77.3%
3	Idaho	18	2,541	106	35		967	3,667	4,978	73.7%
4	Oregon	33	8,448	360	57	14	3,158	12,070	16,524	73.0%
5	South Dakota		1,602				660	2,262	4,218	53.6%
6	Montana		2,628	4			662	3,294	6,582	50.0%
7	Maine		723	649	50		431	1,853	4,773	38.8%
8	North Dakota		614		10		1,802	2,426	7,188	33.8%
9	California	2,941	10,043	841	679	5,829	5,833	26,166	79,795	32.8%
10	Iowa		129		20		5,667	5,817	17,784	32.7%
11	Minnesota		215	254	275	2	3,050	3,795	17,707	21.4%
12	Colorado		661	11	21	130	2,594	3,418	16,710	20.5%
13	Nevada	626	1,052		3	618	150	2,449	12,184	20.1%
14	Kansas		7		31		2,969	3,007	15,333	19.6%
15	Hawaii	51	26		256	32	206	571	2,917	19.6%
16	New Hampshire		448	243	36		171	899	4,626	19.4%
17	Alaska		440		12		73	525	2,702	19.4%
18	Wyoming		303				1,433	1,736	9,406	18.5%
19	Oklahoma		809	68	20		3,780	4,677	25,872	18.1%
20	New York		4,672	181	431	53	1,751	7,088	43,507	16.3%
21	Arizona		2,718	30	11	1,403	237	4,399	31,759	13.9%
22	New Mexico	4	82		2	251	812	1,151	8,813	13.1%
23	Nebraska		332		16		812	1,160	9,213	12.6%
24	Texas		688	384	134	187	14,000	15,392	122,727	12.5%
25	Tennessee		2,499	186	15	48	29	2,776	23,846	11.6%
26	Alabama		3,319	669	6			3,995	34,495	11.6%
27	Arkansas		1,321	350	28			1,699	16,358	10.4%
28	North Carolina		1,890	579	88	681		3,239	33,003	9.8%
29	Wisconsin		527	379	112	1	638	1,656	19,597	8.5%
30	South Carolina		1,364	435	47	3		1,848	24,763	7.5%
31	Utah	84	262		13	1	324	684	9,182	7.5%
32	Illinois		40		142	32	3,552	3,765	50,607	7.4%
33	Michigan		366	252	233		1,530	2,381	33,529	7.1%
34	Maryland		551	4	160	67	160	941	13,582	6.9%
35	Massachusetts		269	18	340	291	84	1,002	14,594	6.9%
36	Georgia		1,927	778	38	69		2,811	41,272	6.8%
37	Virginia		822	662	348			1,832	28,043	6.5%
38	Indiana		92		80	91	1,740	2,003	31,074	6.4%
39	Pennsylvania		920	144	511	49	1,344	2,967	46,975	6.3%
40	West Virginia		327		2		583	912	17,139	5.3%
41	Missouri		506		17	8	459	989	23,871	4.1%
42	Connecticut		119	43	221	10		392	9,667	4.1%
43	Kentucky		804	93	19			916	24,812	3.7%
44	New Jersey		15		266	392	9	682	21,031	3.2%
45	Rhode Island		3		40	7	8	58	2,046	2.8%
46	Florida		56	491	930	75		1,552	68,115	2.3%
47	Ohio		129	97	100	37	424	787	34,535	2.3%
48	Louisiana		192	501	15			709	31,149	2.3%
49	Mississippi			294	2			296	18,353	1.6%
50	Dist. of Columbia							0	11	0.0%
51	Delaware				12	30	2		3,266	
	U.S. Total	3,757	78,793	9,524	5,959	10,438	65,300	173,771	1,172,577	14.8%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1c Total Renewable Electric Generating Nameplate Capacity by Source and State, 2013

Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Washington		20,959	351	71	1	2,811	24,192	31,286	77.3%
2	Oregon	33	8,312	360	49	11	3,161	11,925	16,172	73.7%
3	Idaho	18	2,537	106	34		967	3,662	4,973	73.6%
4	Montana		2,628	4			643	3,274	6,563	49.9%
5	Vermont		315	87	3	12	121	538	1,237	43.5%
6	Maine		717	679	50		431	1,876	4,800	39.1%
7	South Dakota		1,602					1,602	4,382	36.6%
8	North Dakota		614		10		1,802	2,426	6,872	35.3%
9	Iowa		129		16		5,154	5,299	17,170	30.9%
10	California	2,976	10,040	849	649	3,400	5,618	23,530	78,999	29.8%
11	Minnesota		205	254	276	2	2,848	3,585	17,481	20.5%
12	Kansas		7		31		2,969	3,007	15,350	19.6%
13	Wyoming		303				1,433	1,736	8,928	19.4%
14	Colorado		657	11	21	122	2,331	3,143	16,505	19.0%
15	New Hampshire		448	243	39		171	901	4,737	19.0%
16	Alaska		420		12		60	492	2,590	19.0%
17	Hawaii	51	26		260	15	206	558	3,008	18.6%
18	Nevada	606	1,052		3	370	150	2,182	12,384	17.6%
19	New York		4,669	181	428	46	1,735	7,059	43,375	16.3%
20	Oklahoma		807	68	20		3,133	4,028	25,219	16.0%
21	Arizona		2,718	30	11	1,164	237	4,161	31,521	13.2%
22	New Mexico	4	82		7	191	778	1,060	8,711	12.2%
23	Alabama		3,319	718	2			4,039	35,102	11.5%
24	Texas		698	334	135	127	12,328	13,621	119,241	11.4%
25	Tennessee		2,499	186	15	16	29	2,744	24,218	11.3%
26	South Carolina		1,364	425	47	3	791	2,628	24,939	10.5%
27	Arkansas		1,321	350	28			1,699	16,358	10.4%
28	Nebraska		332		11		530	873	8,926	9.8%
29	North Carolina		1,890	571	64	336		2,862	32,589	8.8%
30	Utah	77	262		13	1	324	678	8,077	8.4%
31	Wisconsin		519	325	101		635	1,579	19,571	8.1%
32	Illinois		40		144	32	3,550	3,765	50,891	7.4%
33	Virginia		822	662	346			1,830	26,570	6.9%
34	Georgia		1,927	746	36	61		2,770	41,265	6.7%
35	Maryland		551	4	160	62	120	897	13,644	6.6%
36	Pennsylvania		920	144	514	47	1,344	2,969	47,485	6.3%
37	Michigan		366	253	216		1,161	1,996	33,399	6.0%
38	Indiana		92		67	49	1,540	1,748	30,819	5.7%
39	Massachusetts		269	18	337	133	75	831	15,197	5.5%
40	West Virginia		327		2		583	912	17,143	5.3%
41	Missouri		499		11		459	969	23,909	4.1%
42	Connecticut		119	43	221	5		387	9,787	4.0%
43	Kentucky		804	93	19			916	24,987	3.7%
44	New Jersey		13		264	332	8	617	20,830	3.0%
45	Rhode Island		3		40	7	3	53	2,042	2.6%
46	Ohio		129	97	98	33	475	832	35,658	2.3%
47	Louisiana		192	501	15			709	30,525	2.3%
48	Florida		56	491	929	69		1,545	67,605	2.3%
49	Mississippi			294	2			296	17,536	1.7%
50	Delaware				8	28	2	38	3,437	1.1%
51	Dist. of Columbia								11	
	U.S. Total	3,765	78,581	9,477	5,832	6,674	60,712	165,041	1,164,022	14.2%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1d Total Renewable Electric Generating Nameplate Capacity by Source and State, 2012

Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Washington		20,903	331	73	1	2,811	24,117	31,591	76.3%
2	Idaho	18	2,536	126	22		967	3,669	4,962	73.9%
3	Oregon	33	8,243	360	43	11	3,161	11,850	16,098	73.6%
4	South Dakota		1,602				791	2,393	4,299	55.7%
5	Montana		2,604				643	3,246	6,484	50.1%
6	Vermont		315	85	3	8	121	532	1,233	43.1%
7	Maine		733	522	86		431	1,772	4,800	36.9%
8	North Dakota		614		10		1,802	2,426	6,746	36.0%
9	Iowa		131		15		5,104	5,250	17,271	30.4%
10	California	3,012	10,054	804	635	1,186	5,521	21,211	76,327	27.8%
11	Minnesota		204	225	266		2,846	3,541	17,495	20.2%
12	Alaska		420		9		33	462	2,322	19.9%
13	Wyoming		303				1,433	1,736	8,834	19.7%
14	Colorado		640		18	117	2,299	3,074	16,674	18.4%
15	Kansas		7		7		2,719	2,733	15,112	18.1%
16	New Hampshire		446	152	39		171	808	4,645	17.4%
17	Hawaii	51	26		227	7	206	517	2,982	17.3%
18	Nevada	558	1,052		3	337	150	2,100	12,309	17.1%
19	Oklahoma		805	68	17		3,133	4,023	25,209	16.0%
20	New York		4,656	97	423	32	1,641	6,847	43,418	15.8%
21	Arizona		2,718	30	11	649	237	3,645	31,233	11.7%
22	Tennessee		2,499	186	12	15	29	2,740	24,214	11.3%
23	Alabama		3,280	718	2			4,000	35,494	11.3%
24	Texas		698	334	130	76	12,185	13,423	119,312	11.3%
25	New Mexico		82		7	161	778	1,027	9,185	11.2%
26	Arkansas		1,321	371	28			1,720	18,023	9.5%
27	Nebraska		332		11		455	799	8,876	9.0%
28	Utah	52	262		13	1	324	653	8,038	8.1%
29	North Carolina		1,863	543	65	117		2,587	33,196	7.8%
30	Wisconsin		525	274	85		636	1,519	20,137	7.5%
31	Illinois		40		149	29	3,545	3,762	51,142	7.4%
32	South Carolina		1,363	385	47			1,795	24,873	7.2%
33	Maryland		551	4	159	28	120	862	13,521	6.4%
34	Georgia		1,927	678	31	3		2,638	41,554	6.3%
35	Virginia		832	380	346			1,558	26,544	5.9%
36	Pennsylvania		783	157	492	43	1,344	2,819	49,700	5.7%
37	Indiana		92		62	4	1,540	1,698	30,095	5.6%
38	Massachusetts		270	135	338	42		850	15,439	5.5%
39	West Virginia		326		2		583	912	17,182	5.3%
40	Michigan		370	275	213		876	1,734	33,565	5.2%
41	Missouri		499		10		459	968	23,949	4.0%
42	Kentucky		804	93	17			914	25,143	3.6%
43	Connecticut		119		221			339	10,056	3.4%
44	New Jersey		13		254	231	8	506	20,743	2.4%
45	Ohio		129	97	90	29	462	806	36,027	2.2%
46	Louisiana		192	430	15			637	30,566	2.1%
47	Florida		56	419	789	68		1,331	68,232	2.0%
48	Rhode Island		3		26		2	30	2,019	1.5%
49	Mississippi			244	2			246	17,542	1.4%
50	Delaware				8	24	2	34	3,575	1.0%
51	Dist. of Columbia								11	
	U.S. Total	3,724	78,241	8,520	5,527	3,215	59,629	158,856	1,167,995	13.6%

¹Black liquor and wood/woodwaste solids and liquids²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gasesSource: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1e Total Renewable Electric Generating Nameplate Capacity by Source and State, 2011

Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Idaho	18	2,536	126	13		611	3,304	4,278	77.2%
2	Washington		20,864	335	68	1	2,458	23,726	31,167	76.1%
3	Oregon		8,241	323	38	3	2,215	10,819	15,014	72.1%
4	South Dakota		1,598				780	2,378	3,961	60.0%
5	Montana		2,585				384	2,969	6,160	48.2%
6	Vermont		315	85	3	2	46	451	1,152	39.2%
7	Maine		733	543	108		326	1,710	4,689	36.5%
8	North Dakota		614		10		1,550	2,174	6,519	33.3%
9	Iowa		131		15		4,302	4,448	16,470	27.0%
10	California	2,924	10,050	733	468	626	3,771	18,571	73,378	25.3%
11	Wyoming		303				1,432	1,735	8,829	19.7%
12	Minnesota		213	225	262		2,580	3,280	17,169	19.1%
13	Alaska		421				7	428	2,261	18.9%
14	Colorado		645		18	87	1,803	2,554	15,876	16.1%
15	New York		4,657	97	415	32	1,399	6,600	43,656	15.1%
16	New Hampshire		446	150	32		24	652	4,490	14.5%
17	Hawaii	35	25		227	2	92	381	2,810	13.5%
18	Nevada	471	1,052			149		1,671	13,517	12.4%
19	Tennessee		2,499	186	9		29	2,723	23,585	11.5%
20	Oklahoma		805	68	17		1,811	2,701	24,051	11.2%
21	Alabama		3,280	636				3,916	35,506	11.0%
22	New Mexico		82		7	130	750	968	9,145	10.6%
23	Arkansas		1,321	371	28			1,720	17,215	10.0%
24	Arizona		2,718	30	8	131	138	3,025	30,473	9.9%
25	Texas		698	220	130	44	10,367	11,460	118,835	9.6%
26	Kansas		3		7		1,272	1,282	13,821	9.3%
27	Utah	52	262		10		324	648	7,972	8.1%
28	North Carolina		1,856	543	50	59		2,508	31,202	8.0%
29	Nebraska		332		11		333	676	8,754	7.7%
30	Wisconsin		528	267	89		631	1,515	20,030	7.6%
31	Georgia		1,930	678	24			2,631	40,208	6.5%
32	South Carolina		1,363	285	36			1,684	25,955	6.5%
33	Maryland		551	4	155	4	120	834	13,703	6.1%
34	Illinois		40		137	9	2,737	2,923	49,739	5.9%
35	Virginia		832	380	337			1,549	26,382	5.9%
36	Massachusetts		272	144	340	12	31	798	15,384	5.2%
37	Indiana		92		56		1,340	1,488	30,765	4.8%
38	West Virginia		325		2		528	855	18,302	4.7%
39	Pennsylvania		778	124	474	25	789	2,190	49,925	4.4%
40	Missouri		499		8		459	966	23,764	4.1%
41	Michigan		383	275	200		376	1,235	33,066	3.7%
42	Kentucky		804	93	17			914	25,143	3.6%
43	Connecticut		119		221			339	9,865	3.4%
44	New Jersey		13		245	147	8	412	19,693	2.1%
45	Florida		56	405	791	67		1,318	68,425	1.9%
46	Louisiana		192	351	15			558	30,628	1.8%
47	Rhode Island		3		26		2	30	2,019	1.5%
48	Mississippi			244				244	17,507	1.4%
49	Ohio		129	97	59	23	160	467	36,305	1.3%
50	Delaware				8	13	2	23	3,526	0.6%
51	Dist. of Columbia								861	
	U.S. Total	3,500	78,194	8,014	5,192	1,564	45,982	142,447	1,153,149	12.4%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1f Total Renewable Electric Generating Nameplate Capacity by Source and State, 2010

Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Washington		20,954	389	42	1	2,297	23,683	31,063	76.2%
2	Idaho	18	2,536	126	6		352	3,038	4,013	75.7%
3	Oregon		8,245	303	36		2,011	10,595	14,790	71.6%
4	South Dakota		1,598				629	2,227	3,809	58.5%
5	Montana		2,570				385	2,955	5,992	49.3%
6	Maine		724	663	108		266	1,761	4,754	37.0%
7	Vermont		315	85	3		6	409	1,108	36.9%
8	North Dakota		614		10		1,550	2,174	6,518	33.4%
9	Iowa		131		15		3,665	3,811	15,757	24.2%
10	California	2,924	10,046	725	460	483	2,814	17,452	72,570	24.0%
11	Wyoming		303				1,415	1,718	8,379	20.5%
12	Alaska		420				7	427	2,261	18.9%
13	Minnesota		204	225	251		2,009	2,689	16,608	16.2%
14	New York		4,657	97	411		1,274	6,439	42,842	15.0%
15	New Hampshire		446	150	32		24	652	4,501	14.5%
16	Colorado		645		18	43	1,296	2,002	15,578	12.9%
17	Nevada	469	1,052			149		1,670	13,177	12.7%
18	Hawaii	35	25		227	2	62	351	2,776	12.6%
19	Tennessee		2,499	186	10		29	2,724	23,847	11.4%
20	Alabama		3,280	627				3,907	35,288	11.1%
21	Oklahoma		805	68	17		1,480	2,370	23,063	10.3%
22	Arkansas		1,321	371	29			1,721	17,242	10.0%
23	Arizona		2,718	30	5	21	128	2,902	29,623	9.8%
24	Texas		698	220	119	14	9,958	11,009	117,734	9.4%
25	New Mexico		79		7	30	700	816	9,015	9.1%
26	North Carolina		1,848	543	34	48		2,473	30,197	8.2%
27	Kansas		3		7		1,072	1,082	13,600	8.0%
28	Wisconsin		518	267	89		469	1,343	19,050	7.0%
29	Utah	52	262		10		222	546	7,860	6.9%
30	Georgia		1,932	678	20			2,630	39,665	6.6%
31	Nebraska		332		11		212	555	8,380	6.6%
32	South Carolina		1,363	285	31			1,679	25,878	6.5%
33	Virginia		832	346	332			1,510	25,912	5.8%
34	Maryland		527	4	153	1	70	755	13,611	5.5%
35	Indiana		92		56		1,340	1,488	30,928	4.8%
36	West Virginia		325				431	756	17,350	4.4%
37	Pennsylvania		775	124	470	17	748	2,134	49,650	4.3%
38	Illinois		40		134	9	1,946	2,129	50,092	4.3%
39	Massachusetts		272	27	338	5	11	653	15,378	4.2%
40	Missouri		499		8		459	966	23,499	4.1%
41	Connecticut		119		221			340	8,990	3.8%
42	Kentucky		804	93	17			914	24,303	3.8%
43	Michigan		383	247	193		164	987	32,992	3.0%
44	Florida		56	380	785	125		1,346	67,780	2.0%
45	Louisiana		192	351	15			558	31,169	1.8%
46	Rhode Island		3		26		2	31	2,022	1.5%
47	New Jersey		13		231	28	8	280	20,038	1.4%
48	Mississippi			244				244	17,606	1.4%
49	Ohio		128	98	50	13	7	296	36,018	0.8%
50	Delaware				8		2	10	3,514	0.3%
51	Dist. of Columbia								850	
	U.S. Total	3,498	78,204	7,949	5,043	987	39,516	135,197	1,138,638	11.9%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1g Total Renewable Electric Generating Nameplate Capacity by Source and State, 2009

Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Washington		20,815	392	45	1	2,007	23,260	30,629	75.9%
2	Idaho	18	2,516	126	5		146	2,811	3,785	74.3%
3	Oregon		8,240	348	32		1,665	10,285	14,524	70.8%
4	South Dakota		1,598				320	1,918	3,500	54.8%
5	Montana		2,570	17			375	2,962	5,904	50.2%
6	Vermont		315	85	3		6	409	1,108	36.9%
7	Maine		725	663	108		170	1,666	4,658	35.8%
8	North Dakota		614		10		1,329	1,953	6,297	31.0%
9	California	2,885	10,049	727	502	458	2,653	17,274	70,933	24.4%
10	Iowa		131		15		3,448	3,594	15,809	22.7%
11	Alaska		419				7	426	2,212	19.3%
12	Wyoming		300				1,104	1,404	7,948	17.7%
13	New York		4,657	97	396		1,274	6,424	43,104	14.9%
14	New Hampshire		445	162	32		24	663	4,513	14.7%
15	Minnesota		204	225	246		1,636	2,311	16,259	14.2%
16	Colorado		649		18	15	1,240	1,922	14,744	13.0%
17	Hawaii	35	25		227	1	64	352	2,805	12.5%
18	Nevada	445	1,052			101		1,598	13,160	12.1%
19	Tennessee		2,479	166	10		29	2,684	23,207	11.6%
20	Alabama		3,280	627				3,907	34,021	11.5%
21	Arkansas		1,321	371	25			1,717	16,474	10.4%
22	Arizona		2,718	30	5	11	63	2,827	29,548	9.6%
23	Texas		697	220	111		9,384	10,412	111,848	9.3%
24	Oklahoma		792	68	17		1,130	2,007	22,892	8.8%
25	New Mexico		79		7		597	683	8,893	7.7%
26	Kansas		3				1,011	1,014	13,576	7.5%
27	North Carolina		1,848	340	30	3		2,221	30,103	7.4%
28	Utah	38	263		10		222	533	7,803	6.8%
29	Wisconsin		518	214	84		449	1,265	18,560	6.8%
30	Georgia		1,932	645	15			2,592	39,639	6.5%
31	South Carolina		1,363	234	27			1,624	25,790	6.3%
32	Nebraska		332		11		152	495	8,247	6.0%
33	Virginia		744	442	318			1,504	25,833	5.8%
34	Maryland		527	4	153			684	13,550	5.0%
35	Pennsylvania		775	124	463	4	748	2,114	49,787	4.2%
36	Massachusetts		271	27	348		5	651	15,358	4.2%
37	Connecticut		119		221			340	8,714	3.9%
38	Kentucky		804	93	17			914	23,970	3.8%
39	West Virginia		325				330	655	17,250	3.8%
40	Indiana		92		47		1,037	1,176	30,990	3.8%
41	Missouri		499		8		309	816	22,460	3.6%
42	Illinois		39		154	9	1,596	1,798	50,053	3.6%
43	Michigan		377	247	184		143	951	33,080	2.9%
44	Louisiana		192	411	15			618	30,116	2.1%
45	Florida		56	389	783	25		1,253	67,343	1.9%
46	Rhode Island		3		26			29	2,020	1.4%
47	New Jersey		13		233	13	8	267	20,082	1.3%
48	Ohio		128	98	43		7	276	36,462	0.8%
49	Delaware				7			7	3,511	0.2%
50	Dist. of Columbia								850	
51	Mississippi			238					17,769	
	U.S. Total	3,421	77,910	7,829	5,007	640	34,683	129,490	1,121,686	11.5%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1a **Total Renewable Electric Generating Net Summer Capacity by Source and State, 2014**
Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Vermont		327	73	3	32	120	556	655	84.8%
2	Washington		21,242	332	74	1	3,073	24,722	31,003	79.7%
3	Idaho	10	2,708	61	35		963	3,776	4,948	76.3%
4	Oregon	20	8,525	274	56	19	3,157	12,051	15,916	75.7%
5	South Dakota		1,598				838	2,436	4,126	59.0%
6	Montana		2,758	3			654	3,414	6,180	55.2%
7	Maine		729	768	41		613	2,151	4,615	46.6%
8	Iowa		145		23		6,134	6,302	16,854	37.4%
9	North Dakota		510		10		2,222	2,742	7,362	37.2%
10	California	1,934	10,186	770	552	7,012	5,727	26,181	74,892	35.0%
11	Kansas		7		9	1	3,574	3,591	14,350	25.0%
12	Minnesota		195	316	161	4	3,241	3,916	15,743	24.9%
13	Colorado		677	11	16	192	2,962	3,858	15,793	24.4%
14	Nevada	460	1,051		3	955	150	2,620	10,878	24.1%
15	Oklahoma		862	58	18	3	5,001	5,942	24,835	23.9%
16	Hawaii	43	25		245	44	206	563	2,674	21.1%
17	New Hampshire		505	210	33		171	919	4,438	20.7%
18	Wyoming		307				1,407	1,714	8,512	20.1%
19	Alaska		441		7		61	509	2,589	19.6%
20	New York		4,712	197	378	81	1,747	7,115	40,249	17.7%
21	New Mexico	2	83		2	315	1,062	1,464	8,404	17.4%
22	Texas		669	363	127	318	17,658	19,134	117,144	16.3%
23	Arizona		2,721	25	6	1,523	267	4,541	28,077	16.2%
24	Tennessee		2,619	182	14	45	29	2,889	20,220	14.3%
25	Nebraska		278		16		885	1,179	8,658	13.6%
26	Alabama		3,271	664	6			3,942	30,407	13.0%
27	North Carolina		2,004	401	86	1,437		3,928	31,310	12.5%
28	Arkansas		1,266	294	18	12		1,591	14,707	10.8%
29	Utah	73	256		14	166	324	834	8,329	10.0%
30	Georgia		2,048	859	37	245		3,189	36,303	8.8%
31	Illinois		34		110	33	3,800	3,977	45,532	8.7%
32	Maryland		590	3	141	84	190	1,007	12,408	8.1%
33	South Carolina		1,345	397	46	3		1,790	22,698	7.9%
34	Indiana		60		75	129	1,740	2,004	26,324	7.6%
35	Michigan		331	338	223	2	1,360	2,254	30,063	7.5%
36	Massachusetts		263	16	267	334	83	963	13,236	7.3%
37	Virginia		866	578	313			1,757	25,182	7.0%
38	Pennsylvania		900	121	456	42	1,334	2,853	42,344	6.7%
39	Wisconsin		383	276	110	1	331	1,101	16,669	6.6%
40	West Virginia		301		2		583	886	15,115	5.9%
41	Missouri		546		17	12	459	1,032	21,764	4.7%
42	Kentucky		837	52	17			907	20,061	4.5%
43	Connecticut		122	38	162	10		331	8,784	3.8%
44	New Jersey		12		229	444	8	693	18,767	3.7%
45	Rhode Island		3		37	10	8	57	1,849	3.1%
46	Delaware		55		12	31	2	99	3,403	2.9%
47	Louisiana		192	481	14			687	26,235	2.6%
48	Ohio		102	43	95	43	432	714	28,711	2.5%
49	Florida			494	795	82		1,371	58,636	2.3%
50	Mississippi			273	2			275	16,085	1.7%
51	Dist. of Columbia				12				21	
	U.S. Total	2,542	79,664	8,969	5,125	13,663	72,573	182,536	1,064,055	17.2%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1b Total Renewable Electric Generating Net Summer Capacity by Source and State, 2014
Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Vermont		324	73	3	30	120	550	650	84.7%
2	Washington		21,185	322	68	1	3,073	24,648	30,949	79.6%
3	Idaho	10	2,708	61	35		963	3,776	4,944	76.4%
4	Oregon	18	8,523	277	55	14	3,157	12,043	15,884	75.8%
5	South Dakota		1,598				660	2,258	3,948	57.2%
6	Montana		2,758	3			637	3,397	6,330	53.7%
7	Maine		733	591	41		431	1,795	4,470	40.2%
8	Iowa		145		20		5,562	5,728	16,507	34.7%
9	North Dakota		510		10		1,759	2,279	6,790	33.6%
10	California	1,955	10,175	731	592	5,755	5,815	25,023	74,646	33.5%
11	Colorado		676	11	16	127	2,544	3,375	14,933	22.6%
12	Minnesota		195	219	221	2	2,788	3,424	15,621	21.9%
13	Nevada	414	1,051		3	608	150	2,227	10,485	21.2%
14	New Hampshire		521	210	33		171	935	4,418	21.2%
15	Kansas		7		15		2,969	2,991	14,227	21.0%
16	Hawaii	43	25		247	32	206	553	2,672	20.7%
17	Alaska		436		7		60	503	2,464	20.4%
18	Wyoming		307				1,407	1,714	8,458	20.3%
19	Oklahoma		863	58	18		3,780	4,719	24,048	19.6%
20	New York		4,713	156	379	52	1,747	7,047	40,404	17.4%
21	Arizona		2,721	25	10	1,408	237	4,401	28,249	15.6%
22	New Mexico	2	83		2	250	812	1,149	8,072	14.2%
23	Tennessee		2,616	182	14	45	29	2,887	20,998	13.7%
24	Texas		671	367	125	186	13,994	15,343	112,914	13.6%
25	Nebraska		278		16		812	1,105	8,732	12.7%
26	Alabama		3,271	610	6			3,887	31,953	12.2%
27	Arkansas		1,324	294	14			1,632	14,754	11.1%
28	North Carolina		1,999	502	82	676		3,259	30,498	10.7%
29	Illinois		34		125	32	3,527	3,718	44,727	8.3%
30	Utah	73	256		12	1	324	667	8,325	8.0%
31	South Carolina		1,340	393	44	3		1,780	22,824	7.8%
32	Maryland		590	3	143	60	160	956	12,264	7.8%
33	Georgia		2,048	710	38	69		2,863	38,250	7.5%
34	Indiana		60		75	91	1,740	1,966	27,499	7.1%
35	Michigan		333	238	216		1,360	2,147	30,435	7.1%
36	Massachusetts		263	16	267	281	83	910	13,128	6.9%
37	Wisconsin		389	327	110	1	332	1,158	17,166	6.7%
38	Pennsylvania		893	121	459	42	1,344	2,860	42,723	6.7%
39	Virginia		866	578	306			1,750	26,292	6.7%
40	West Virginia		301		2		583	886	16,276	5.4%
41	Missouri		568		17	8	459	1,051	21,790	4.8%
42	Kentucky		835	52	18			906	20,878	4.3%
43	Connecticut		122	38	167	10		337	8,832	3.8%
44	New Jersey		12		231	395	8	646	19,399	3.3%
45	Rhode Island		3		37	7	4	50	1,810	2.8%
46	Louisiana		192	436	14			642	26,657	2.4%
47	Ohio		102	57	96	36	424	715	31,507	2.3%
48	Florida		55	437	746	73		1,311	59,440	2.2%
49	Mississippi			273	2			275	16,090	1.7%
50	Delaware				12	30	2	44	3,086	1.4%
51	Dist. of Columbia								9	
	U.S. Total	2,514	79,677	8,368	5,167	10,323	64,232	170,281	1,068,422	15.9%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1c Total Renewable Electric Generating Net Summer Capacity by Source and State, 2013
Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Washington		21,150	336	68	1	2,806	24,360	30,656	79.5%
2	Oregon	18	8,516	275	47	11	3,161	12,026	15,662	76.8%
3	Idaho	10	2,705	61	34		963	3,772	4,924	76.6%
4	Montana		2,758	3			612	3,374	6,329	53.3%
5	Vermont		324	77	3	12	120	536	1,255	42.7%
6	Maine		727	611	41		431	1,810	4,499	40.2%
7	South Dakota		1,598					1,598	4,109	38.9%
8	North Dakota		510		10		1,759	2,279	6,566	34.7%
9	Iowa		145		16		5,047	5,208	15,929	32.7%
10	California	2,059	10,173	740	565	3,379	5,600	22,517	73,772	30.5%
11	Minnesota		184	219	219	2	2,844	3,468	15,758	22.0%
12	Colorado		672	11	16	120	2,303	3,123	14,769	21.1%
13	New Hampshire		514	210	35		171	931	4,413	21.1%
14	Kansas		7		15		2,969	2,991	14,244	21.0%
15	Wyoming		307				1,409	1,716	8,381	20.5%
16	Alaska		416		7		60	483	2,384	20.2%
17	Hawaii	43	25		250	15	206	538	2,757	19.5%
18	Nevada	402	1,051		3	361	150	1,968	10,652	18.5%
19	Oklahoma		867	58	18		3,133	4,076	23,300	17.5%
20	New York		4,332	164	376	46	1,731	6,649	39,918	16.7%
21	Arizona		2,719	29	10	1,162	237	4,158	27,910	14.9%
22	Tennessee		2,616	185	14	14	29	2,858	21,326	13.4%
23	New Mexico	2	83		6	192	778	1,060	7,938	13.4%
24	Texas		689	320	125	126	12,322	13,582	109,584	12.4%
25	Alabama		3,272	675	2			3,949	32,353	12.2%
26	South Carolina		1,340	383	44	3	791	2,560	23,017	11.1%
27	Arkansas		1,324	294	14			1,633	14,786	11.0%
28	Nebraska		278		11		530	819	8,449	9.7%
29	North Carolina		1,997	502	60	333		2,892	30,048	9.6%
30	Utah	73	255		12	1	324	666	7,698	8.7%
31	Illinois		34		127	32	3,525	3,718	44,950	8.3%
32	Maryland		590	3	143	55	120	910	12,339	7.4%
33	Georgia		2,045	672	36	61		2,814	38,210	7.4%
34	Virginia		866	578	303			1,748	24,828	7.0%
35	Pennsylvania		892	121	466	41	1,344	2,864	43,040	6.7%
36	Wisconsin		385	283	99		329	1,095	17,342	6.3%
37	Indiana		60		62	49	1,540	1,712	27,196	6.3%
38	Michigan		331	239	199		1,080	1,850	30,128	6.1%
39	Massachusetts		263	16	264	131	73	747	13,678	5.5%
40	West Virginia		301		2		583	886	16,282	5.4%
41	Missouri		570		10		459	1,039	21,801	4.8%
42	Kentucky		831	52	18			901	21,004	4.3%
43	Connecticut		122	38	167	5		332	8,769	3.8%
44	New Jersey		3		227	338	8	576	18,997	3.0%
45	Rhode Island		3		37	7	3	50	1,809	2.7%
46	Louisiana		192	437	14			643	26,228	2.5%
47	Florida		55	437	745	66		1,303	58,781	2.2%
48	Ohio		102	51	94	32	424	704	32,482	2.2%
49	Mississippi			277	2			278	15,561	1.8%
50	Delaware				8	28	2	38	3,246	1.2%
51	Dist. of Columbia								9	
	U.S. Total	2,607	79,200	8,354	5,043	6,623	59,973	161,800	1,060,064	15.3%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1d **Total Renewable Electric Generating Net Summer Capacity by Source and State, 2012**
Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Washington		21,115	314	69	1	2,806	24,304	30,910	78.6%
2	Oregon	18	8,455	273	41	11	3,152	11,949	15,544	76.9%
3	Idaho	10	2,703	65	22		963	3,763	4,911	76.6%
4	South Dakota		1,598				791	2,389	4,057	58.9%
5	Montana		2,732				628	3,359	6,317	53.2%
6	Vermont		324	76	3	8	120	531	1,235	43.0%
7	Maine		742	460	75		428	1,705	4,491	38.0%
8	North Dakota		508		10		1,759	2,277	6,490	35.1%
9	Iowa		148		15		5,005	5,167	16,019	32.3%
10	California	2,092	10,146	696	548	1,177	5,506	20,165	71,329	28.3%
11	Minnesota		176	168	204		2,842	3,390	15,447	21.9%
12	Alaska		416		6		33	454	2,119	21.4%
13	Wyoming		307				1,407	1,714	8,380	20.5%
14	Colorado		656		13	115	2,271	3,055	14,947	20.4%
15	Kansas		7		7		2,719	2,733	14,093	19.4%
16	New Hampshire		505	127	35		171	838	4,323	19.4%
17	Hawaii	43	25		222	7	206	502	2,730	18.4%
18	Nevada	384	1,051		3	327	150	1,916	10,476	18.3%
19	Oklahoma		858	58	16		3,133	4,065	23,485	17.3%
20	New York		4,312	86	371	32	1,636	6,436	39,520	16.3%
21	Tennessee		2,616	185	11	13	29	2,854	21,322	13.4%
22	Arizona		2,720	29	10	633	237	3,629	27,587	13.2%
23	New Mexico		83		6	161	778	1,027	8,373	12.3%
24	Texas		689	320	121	75	12,179	13,385	109,568	12.2%
25	Alabama		3,272	675	2			3,949	32,547	12.1%
26	Arkansas		1,341	312	14			1,667	16,355	10.2%
27	Nebraska		275		11		455	742	8,273	9.0%
28	North Carolina		1,964	481	54	115		2,614	30,391	8.6%
29	Utah	45	255		12	1	324	638	7,631	8.4%
30	Illinois		34		132	29	3,520	3,715	45,146	8.2%
31	South Carolina		1,336	345	44			1,725	23,083	7.5%
32	Maryland		590	3	141	28	120	881	12,215	7.2%
33	Georgia		2,048	618	31	3		2,700	38,488	7.0%
34	Indiana		60		59	4	1,540	1,662	26,837	6.2%
35	Virginia		866	363	303			1,533	24,849	6.2%
36	Pennsylvania		762	133	445	37	1,344	2,721	45,406	6.0%
37	Wisconsin		385	239	83		370	1,076	18,031	6.0%
38	West Virginia		287		2		583	872	16,285	5.4%
39	Massachusetts		261	131	264	41	64	762	14,321	5.3%
40	Michigan		237	264	196		875	1,571	30,332	5.2%
41	Missouri		570		9		459	1,038	22,004	4.7%
42	Kentucky		828	52	17			897	21,089	4.3%
43	Connecticut		122		173			295	9,060	3.3%
44	New Jersey		3		218	236	8	465	18,924	2.5%
45	Ohio		102	60	86	28	462	738	32,854	2.2%
46	Louisiana		192	366	14			572	25,548	2.2%
47	Florida		55	373	664	65		1,156	59,139	2.0%
48	Rhode Island		3		24		2	28	1,781	1.6%
49	Mississippi			235	2			237	15,404	1.5%
50	Delaware				8	24	2	34	3,357	1.0%
51	Dist. of Columbia								10	
	U.S. Total	2,592	78,738	7,508	4,811	3,170	59,075	155,893	1,063,033	14.7%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1e Total Renewable Electric Generating Net Summer Capacity by Source and State, 2011
Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Idaho	10	2,704	68	12		611	3,406	4,255	80.0%
2	Washington		21,067	318	65	1	2,454	23,904	30,507	78.4%
3	Oregon		8,420	241	36	3	2,208	10,907	14,535	75.0%
4	South Dakota		1,594				780	2,374	3,760	63.1%
5	Montana		2,725				378	3,103	6,020	51.5%
6	Vermont		324	76	3	2	45	451	1,171	38.5%
7	Maine		742	485	91		323	1,641	4,378	37.5%
8	North Dakota		508		10		1,423	1,941	6,184	31.4%
9	Iowa		144		15		4,203	4,362	15,288	28.5%
10	California	2,004	10,136	639	405	618	3,770	17,572	68,295	25.7%
11	Minnesota		197	163	210		2,576	3,147	15,162	20.8%
12	Alaska		415				7	423	2,067	20.5%
13	Wyoming		307				1,412	1,720	8,431	20.4%
14	Colorado		662		13	86	1,793	2,553	14,182	18.0%
15	New Hampshire		493	129	29		24	675	4,174	16.2%
16	New York		4,319	86	363	32	1,399	6,199	39,629	15.6%
17	Hawaii	31	24		222	2	92	370	2,562	14.4%
18	Tennessee		2,616	185	7		29	2,837	21,128	13.4%
19	Nevada	318	1,051			137		1,507	11,646	12.9%
20	Oklahoma		858	58	16		1,811	2,742	21,824	12.6%
21	Alabama		3,272	590				3,862	32,577	11.9%
22	New Mexico		83		6	130	750	969	8,254	11.7%
23	Arizona		2,720	29	7	130	138	3,024	27,043	11.2%
24	Texas		689	216	126	44	10,361	11,436	109,179	10.5%
25	Arkansas		1,341	312	14			1,667	15,957	10.4%
26	Kansas		3		7		1,272	1,282	12,758	10.0%
27	North Carolina		1,964	481	41	45		2,532	28,459	8.9%
28	Utah	47	255		9		324	635	7,613	8.3%
29	Nebraska		278		11		333	622	8,174	7.6%
30	Georgia		2,049	617	24			2,690	37,114	7.2%
31	Wisconsin		388	233	87		612	1,319	18,301	7.2%
32	Maryland		590	3	137	4	120	854	12,583	6.8%
33	South Carolina		1,337	255	34			1,626	24,081	6.8%
34	Illinois		34		124	9	2,737	2,905	43,830	6.6%
35	Virginia		866	363	295			1,524	24,685	6.2%
36	Indiana		60		54		1,340	1,453	27,404	5.3%
37	Massachusetts		263	141	266	12	30	711	13,716	5.2%
38	West Virginia		285		2		528	815	17,342	4.7%
39	Missouri		570		8		459	1,037	22,061	4.7%
40	Pennsylvania		760	108	429	19	789	2,106	45,817	4.6%
41	Kentucky		822	52	17			891	21,114	4.2%
42	Michigan		238	264	183		375	1,059	29,902	3.5%
43	Connecticut		122		178			300	9,132	3.3%
44	New Jersey		5		210	153	8	375	18,374	2.0%
45	Louisiana		192	311	14			517	26,198	2.0%
46	Florida		55	358	666	65		1,144	59,627	1.9%
47	Rhode Island		3		24		2	28	1,779	1.6%
48	Mississippi			235				235	15,543	1.5%
49	Ohio		102	62	58	22	160	404	33,280	1.2%
50	Delaware				8	13	2	23	3,359	0.7%
51	Dist. of Columbia								800	
	U.S. Total	2,409	78,652	7,077	4,536	1,524	45,676	139,873	1,051,251	13.3%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1f **Total Renewable Electric Generating Net Summer Capacity by Source and State, 2010**
Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Idaho	10	2,704	68	6		352	3,140	3,990	78.7%
2	Washington		21,181	368	39	1	2,296	23,885	30,478	78.4%
3	Oregon		8,425	221	34		2,004	10,684	14,261	74.9%
4	South Dakota		1,594				629	2,223	3,623	61.4%
5	Montana		2,705				379	3,084	5,866	52.6%
6	Maine		738	600	91		263	1,692	4,430	38.2%
7	Vermont		324	76	3		5	408	1,128	36.2%
8	North Dakota		508				1,423	1,941	6,188	31.4%
9	Iowa		144				3,569	3,728	14,592	25.5%
10	California	2,004	10,141	639	389	475	2,812	16,460	67,328	24.4%
11	Wyoming		307				1,415	1,722	7,986	21.6%
12	Alaska		414				7	421	2,067	20.4%
13	Minnesota		193	177	209		2,009	2,588	14,715	17.6%
14	New Hampshire		489	129	29		24	671	4,180	16.1%
15	New York		4,314	86	359		1,274	6,033	39,357	15.3%
16	Colorado		662			41	1,294	2,010	13,777	14.6%
17	Hawaii	31	24			2	62	341	2,536	13.4%
18	Tennessee		2,624	185	8		29	2,846	21,417	13.3%
19	Nevada	319	1,051			137		1,507	11,421	13.2%
20	Alabama		3,272	583				3,855	32,417	11.9%
21	Oklahoma		858	58	16		1,480	2,412	21,022	11.5%
22	Arizona		2,720	29	4	20	128	2,901	26,392	11.0%
23	Arkansas		1,341	312	15			1,668	15,981	10.4%
24	Texas		689	215	115	14	9,952	10,985	108,258	10.1%
25	New Mexico		82			30	700	818	8,130	10.1%
26	North Carolina		1,956	481	27	35		2,499	27,674	9.0%
27	Kansas		3				1,072	1,082	12,543	8.6%
28	Georgia		2,052	617	20			2,689	36,636	7.3%
29	Wisconsin		492	239	87		449	1,267	17,836	7.1%
30	Utah	42	255		9		222	528	7,497	7.0%
31	South Carolina		1,340	255	29			1,624	23,982	6.8%
32	Maryland		590	3	135	1	70	799	12,516	6.4%
33	Virginia		866	331	290			1,487	24,109	6.2%
34	Nebraska		278		11		154	443	7,857	5.6%
35	Indiana		60		53		1,340	1,453	27,638	5.3%
36	Illinois		34		123	9	1,946	2,112	44,127	4.8%
37	Missouri		564		8		459	1,031	21,739	4.7%
38	Kentucky		824	52	17			893	20,453	4.4%
39	Pennsylvania		747	108	424	9	696	1,984	45,575	4.4%
40	West Virginia		285				431	716	16,495	4.3%
41	Massachusetts		262	26	264	4	10	566	13,697	4.1%
42	Connecticut		122		159			281	8,284	3.4%
43	Michigan		237	232	176		163	808	29,831	2.7%
44	Florida		55	344	661	123		1,183	59,222	2.0%
45	Louisiana		192	311	14			517	26,744	1.9%
46	Rhode Island		3		24		2	29	1,782	1.6%
47	Mississippi			235				235	15,691	1.5%
48	New Jersey		4		191	28	8	231	18,424	1.3%
49	Ohio		101	60	50	13	7	231	33,071	0.7%
50	Delaware				8		2	10	3,389	0.3%
51	Dist. of Columbia								790	
	U.S. Total	2,405	78,825	7,037	4,369	941	39,135	132,712	1,039,137	12.8%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)

Table 6.1g Total Renewable Electric Generating Net Summer Capacity by Source and State, 2009
Megawatts

Rank (by % renewable)	State	Geothermal	Conventional Hydroelectric	Biomass		Solar	Wind	Total Renewable Electric Generating Capacity	Total Electric Generating Capacity	Percent Renewable
				Wood & Derived Fuels ¹	Other Biomass ²					
1	Washington		21,088	369	41	1	2,006	23,505	30,095	78.1%
2	Idaho	7	2,682	68	5		146	2,908	3,758	77.4%
3	Oregon		8,430	241	30		1,659	10,360	13,985	74.1%
4	South Dakota		1,594				320	1,914	3,362	56.9%
5	Montana		2,692	17			369	3,078	5,779	53.3%
6	Maine		738	606	93		170	1,607	4,344	37.0%
7	Vermont		322	76	3		5	406	1,126	36.1%
8	North Dakota		508		10		1,202	1,720	5,963	28.8%
9	California	2,004	10,144	646	402	450	2,650	16,296	65,948	24.7%
10	Iowa		144		15		3,352	3,511	14,579	24.1%
11	Alaska		414				7	421	2,012	20.9%
12	Wyoming		304				1,104	1,408	7,566	18.6%
13	New Hampshire		498	140	29		24	691	4,165	16.6%
14	New York		4,310	86	344		1,274	6,014	39,671	15.2%
15	Minnesota		194	177	208		1,615	2,194	14,626	15.0%
16	Colorado		666		13	14	1,238	1,931	13,038	14.8%
17	Tennessee		2,614	165	9		29	2,817	20,852	13.5%
18	Hawaii	31	24		222	1	64	342	2,565	13.3%
19	Nevada	306	1,051			89		1,446	11,396	12.7%
20	Alabama		3,272	591				3,863	31,389	12.3%
21	Arkansas		1,337	312	11			1,660	15,275	10.9%
22	Arizona		2,720	29	4	11	63	2,827	26,335	10.7%
23	Texas		689	180	107		9,378	10,354	103,037	10.0%
24	Oklahoma		854	58	16		1,130	2,058	20,849	9.9%
25	New Mexico		82		6		597	685	7,993	8.6%
26	North Carolina		1,952	318	20	3		2,293	27,618	8.3%
27	Kansas		3				1,011	1,014	12,529	8.1%
28	Georgia		2,046	587	15			2,648	36,549	7.2%
29	Utah	34	256		9		222	521	7,418	7.0%
30	Wisconsin		492	208	83		430	1,213	17,744	6.8%
31	South Carolina		1,337	220	23			1,580	23,971	6.6%
32	Virginia		716	409	278			1,403	23,788	5.9%
33	Maryland		590	3	135			728	12,482	5.8%
34	Nebraska		278		11		105	394	7,768	5.1%
35	Kentucky		824	52	17			893	20,160	4.4%
36	Pennsylvania		747	108	419	2	696	1,972	45,611	4.3%
37	Missouri		564		8		309	881	20,829	4.2%
38	Massachusetts		261	26	273		5	565	13,699	4.1%
39	Indiana		60		45		1,037	1,142	27,949	4.1%
40	Illinois		34		139	9	1,596	1,778	44,033	4.0%
41	West Virginia		264				330	594	16,360	3.6%
42	Connecticut		122		166			288	8,028	3.6%
43	Michigan		251	230	168		143	792	30,308	2.6%
44	Louisiana		192	373	14			579	25,987	2.2%
45	Florida		55	351	662	25		1,093	59,073	1.9%
46	Rhode Island		3		24			27	1,780	1.5%
47	New Jersey		6		195	13	8	222	18,499	1.2%
48	Ohio		101	65	43		7	216	33,539	0.6%
49	Delaware				7			7	3,362	0.2%
50	Dist. of Columbia								790	
51	Mississippi			229					15,820	
	U.S. Total	2,382	78,518	6,939	4,317	619	34,296	127,071	1,025,400	12.4%

¹Black liquor and wood/woodwaste solids and liquids

²Landfill gas, MSW biogenic (paper and paper board, wood, food, leather, textiles, and yard trimmings), agriculture byproducts/crops, sludge waste, and other biomass solids, liquids, and gases

Source: [EIA, Electric Power Annual - Historical state-level tables](#)