

Table P5B. Primary Energy Production Estimates, Renewable and Total Energy, in Trillion Btu, Ranked by State, 2016

Rank	Renewable Energy						Total Primary Energy Production	
	Biofuels ^a		Other ^b		Total		State	Trillion Btu
	State	Trillion Btu	State	Trillion Btu	State	Trillion Btu		
	United States	2,072.2	United States	8,053.3	United States	10,125.5	United States ^c	84,247.7
1	Iowa	539.3	Washington	907.7	California	934.0	Texas	17,079.8
2	Nebraska	274.7	California	903.9	Washington	907.7	Pennsylvania	7,887.8
3	Illinois	218.0	Texas	645.7	Iowa	755.1	Wyoming	7,518.4
4	Minnesota	161.3	Oregon	450.4	Texas	699.1	Oklahoma	4,004.6
5	Indiana	160.0	New York	372.9	Oregon	456.2	West Virginia	3,784.8
6	South Dakota	143.2	Georgia	271.3	New York	396.1	North Dakota	3,497.5
7	Wisconsin	73.7	Oklahoma	240.2	Illinois	346.0	Colorado	3,078.2
8	Ohio	73.0	Alabama	235.5	Minnesota	338.4	New Mexico	2,582.2
9	Kansas	68.7	Florida	233.2	Nebraska	323.1	Louisiana	2,555.4
10	North Dakota	64.3	Iowa	215.8	Georgia	287.8	California	2,431.1
11	Texas	53.4	North Carolina	201.3	Indiana	246.6	Ohio	2,410.6
12	Michigan	37.7	Minnesota	177.1	Oklahoma	240.2	Illinois	2,406.2
13	Missouri	35.2	Pennsylvania	165.0	Alabama	235.5	Alaska	1,433.1
14	Tennessee	30.9	Louisiana	160.0	Florida	233.2	Kentucky	1,234.0
15	California	30.0	Michigan	156.9	South Dakota	225.9	Arkansas	1,130.1
16	New York	23.2	Kansas	138.0	Kansas	206.7	Alabama	1,124.5
17	Colorado	17.4	Maine	134.1	Wisconsin	203.6	Washington	1,008.3
18	Georgia	16.5	Virginia	134.0	North Carolina	201.3	Utah	920.3
19	Pennsylvania	15.1	Idaho	132.4	Michigan	194.6	Indiana	917.9
20	Idaho	8.2	Arizona	130.9	Pennsylvania	180.1	Virginia	910.7
21	Mississippi	7.4	Wisconsin	129.9	North Dakota	160.9	Montana	875.2
22	Arizona	6.9	Illinois	128.0	Louisiana	160.0	New York	846.0
23	Oregon	5.8	Tennessee	127.2	Tennessee	158.1	Iowa	804.3
24	Kentucky	4.9	South Carolina	126.5	Ohio	147.1	Kansas	792.2
25	Virginia	3.4	Colorado	125.4	Colorado	142.8	South Carolina	710.4
26			Arkansas	118.0	Idaho	140.7	Michigan	663.8
27			Montana	117.7	Arizona	137.7	North Carolina	648.8
28			North Dakota	96.7	Virginia	137.4	Georgia	648.4
29			Nevada	88.0	Maine	134.1	Arizona	593.1
30			Indiana	86.6	South Carolina	126.5	Florida	552.0
31			South Dakota	82.7	Arkansas	118.0	Tennessee	489.7
32			Ohio	74.1	Montana	117.7	Minnesota	483.4
33			Kentucky	70.3	Nevada	88.0	Oregon	457.2
34			Massachusetts	64.3	Missouri	85.8	Nebraska	434.3
35			Mississippi	64.0	Kentucky	75.3	New Jersey	363.9
36			New Jersey	51.4	Mississippi	71.4	Mississippi	332.5
37			Wyoming	51.3	Massachusetts	64.3	Wisconsin	309.8
38			Maryland	51.1	New Jersey	51.4	Maryland	243.4
39			New Hampshire	50.9	Wyoming	51.3	South Dakota	234.5
40			Missouri	50.7	Maryland	51.1	Connecticut	204.9
41			New Mexico	50.0	New Hampshire	50.9	Missouri	190.3
42			Nebraska	48.3	New Mexico	50.0	New Hampshire	163.5
43			West Virginia	44.8	West Virginia	44.8	Idaho	147.0
44			Utah	33.7	Utah	33.7	Maine	134.1
45			Connecticut	31.5	Connecticut	31.5	Massachusetts	121.0
46			Vermont	28.4	Vermont	28.4	Nevada	89.5
47			Hawaii	27.4	Hawaii	27.4	Vermont	28.4
48			Alaska	19.4	Alaska	19.4	Hawaii	27.4
49			Rhode Island	4.1	Rhode Island	4.1	Rhode Island	4.1
50			Delaware	3.4	Delaware	3.4	Delaware	3.4
51			District of Columbia	1.1	District of Columbia	1.1	District of Columbia	1.1

^a Biomass inputs (feedstock) for fuel ethanol production.

hydroelectric power, solar, wind, and biomass waste energy.

^b Wood energy production plus consumption of geothermal,

^c Includes federal offshore production of natural gas and crude oil.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the documentation at <http://www.eia.gov/state/seds/seds-technical-notes-complete.php>