

**Table F32: Wind Energy Consumption Estimates, 2019**

State	Commercial	Industrial	Electric Power	Total	Commercial	Industrial	Electric Power	Total
	Million Kilowatthours				Trillion Btu			
Alabama	0	0	0	0	0.0	0.0	0.0	0.0
Alaska	0	0	143	143	0.0	0.0	1.3	1.3
Arizona	0	0	554	554	0.0	0.0	4.9	4.9
Arkansas	0	0	0	0	0.0	0.0	0.0	0.0
California	6	5	13,724	13,735	0.1	(s)	122.2	122.3
Colorado	2	3	10,848	10,852	(s)	(s)	96.6	96.6
Connecticut	0	0	12	12	0.0	0.0	0.1	0.1
Delaware	5	0	0	5	(s)	0.0	0.0	0.0
Dist. of Col.	0	0	0	0	0.0	0.0	0.0	0.0
Florida	0	0	0	0	0.0	0.0	0.0	0.0
Georgia	0	0	0	0	0.0	0.0	0.0	0.0
Hawaii	0	0	529	529	0.0	0.0	4.7	4.7
Idaho	0	0	2,551	2,551	0.0	0.0	22.7	22.7
Illinois	5	0	14,455	14,460	(s)	0.0	128.7	128.8
Indiana	0	0	6,216	6,216	0.0	0.0	55.4	55.4
Iowa	4	0	26,301	26,305	(s)	0.0	234.2	234.2
Kansas	17	0	21,107	21,124	0.2	0.0	188.0	188.1
Kentucky	0	0	0	0	0.0	0.0	0.0	0.0
Louisiana	0	0	0	0	0.0	0.0	0.0	0.0
Maine	0	0	2,494	2,494	0.0	0.0	22.2	22.2
Maryland	0	0	520	520	0.0	0.0	4.6	4.6
Massachusetts	24	2	185	211	0.2	(s)	1.6	1.9
Michigan	0	0	5,826	5,826	0.0	0.0	51.9	51.9
Minnesota	25	0	10,940	10,965	0.2	0.0	97.4	97.6
Mississippi	0	0	0	0	0.0	0.0	0.0	0.0
Missouri	0	0	2,858	2,858	0.0	0.0	25.4	25.4
Montana	0	0	2,373	2,373	0.0	0.0	21.1	21.1
Nebraska	0	0	7,211	7,211	0.0	0.0	64.2	64.2
Nevada	0	0	329	329	0.0	0.0	2.9	2.9
New Hampshire	0	0	433	433	0.0	0.0	3.9	3.9
New Jersey	0	0	22	22	0.0	0.0	0.2	0.2
New Mexico	3	0	6,889	6,892	(s)	0.0	61.3	61.4
New York	3	1	4,452	4,456	(s)	(s)	39.6	39.7
North Carolina	0	0	523	523	0.0	0.0	4.7	4.7
North Dakota	0	0	11,213	11,213	0.0	0.0	99.9	99.9
Ohio	3	72	1,968	2,043	(s)	0.6	17.5	18.2
Oklahoma	0	0	29,008	29,008	0.0	0.0	258.3	258.3
Oregon	0	0	6,569	6,569	0.0	0.0	58.5	58.5
Pennsylvania	0	0	3,250	3,250	0.0	0.0	28.9	28.9
Rhode Island	8	0	199	206	0.1	0.0	1.8	1.8
South Carolina	0	0	0	0	0.0	0.0	0.0	0.0
South Dakota	0	0	2,789	2,789	0.0	0.0	24.8	24.8
Tennessee	0	0	38	38	0.0	0.0	0.3	0.3
Texas	54	9	83,557	83,620	0.5	0.1	744.1	744.6
Utah	0	0	819	819	0.0	0.0	7.3	7.3
Vermont	0	0	377	377	0.0	0.0	3.4	3.4
Virginia	0	0	0	0	0.0	0.0	0.0	0.0
Washington	0	0	6,677	6,677	0.0	0.0	59.5	59.5
West Virginia	0	0	1,631	1,631	0.0	0.0	14.5	14.5
Wisconsin	21	7	1,849	1,878	0.2	0.1	16.5	16.7
Wyoming	0	0	4,163	4,163	0.0	0.0	37.1	37.1
United States	179	100	295,604	295,882	1.6	0.9	2,632.4	2,634.8

Where shown, (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: • There are no direct fuel costs for wind energy. • Totals may not equal sum of components due to independent

rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.