

Renewables on the Rise 2020: Appendix

State-by-state data for wind and solar generation as percentage of electricity consumption:

State	Wind & solar generation in 2019 (GWh)	Electricity Retail (GWh)	Wind and solar generation as % of sales
Alabama	404.0	87,734.8	0.5%
Alaska	158.0	5,841.0	2.7%
Arizona	8,239.0	77,720.4	10.6%
Arkansas	243.0	47,917.0	0.5%
California	58,771.0	247,679.8	23.7%
Colorado	12,768.0	56,271.7	22.7%
Connecticut	789.0	27,754.7	2.8%
Delaware	181.0	11,236.9	1.6%
District Of Columbia	99.0	11,003.5	0.9%
Florida	4,597.0	237,728.5	1.9%
Georgia	2,377.0	138,087.8	1.7%
Hawaii	1,975.0	9,390.0	21.0%
Idaho	3,257.0	23,814.2	13.7%
Illinois	14,084.0	137,196.1	10.3%
Indiana	6,670.0	97,286.4	6.9%
Iowa	26,734.0	50,023.2	53.4%
Kansas	21,558.0	40,154.1	53.7%
Kentucky	79.0	73,406.9	0.1%
Louisiana	241.0	90,602.2	0.3%
Maine	2,497.0	11,814.7	21.1%
Maryland	2,054.0	60,588.2	3.4%
Massachusetts	3,554.0	50,260.8	7.1%
Michigan	6,085.0	100,377.3	6.1%
Minnesota	12,653.0	65,011.4	19.5%
Mississippi	335.0	49,393.2	0.7%
Missouri	3,272.0	77,284.6	4.2%
Montana	2,380.0	15,068.7	15.8%
Nebraska	7,461.0	30,002.7	24.9%
Nevada	5,870.0	37,410.0	15.7%

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New Hampshire	539.0	10,690.8	5.0%
New Jersey	3,441.0	73,345.1	4.7%
New Mexico	8,516.0	25,006.8	34.1%
New York	7,355.0	144,399.7	5.1%
North Carolina	8,088.0	135,607.8	6.0%
North Dakota	10,755.0	21,044.4	51.1%
Ohio	2,383.0	145,525.1	1.6%
Oklahoma	28,964.0	63,742.3	45.4%
Oregon	8,091.0	47,883.8	16.9%
Pennsylvania	4,124.0	145,013.6	2.8%
Rhode Island	478.0	7,346.5	6.5%
South Carolina	1,126.0	79,903.3	1.4%
South Dakota	3,016.0	12,694.3	23.8%
Tennessee	468.0	97,565.6	0.5%
Texas	89,751.0	410,118.4	21.9%
Utah	3,417.0	30,662.7	11.1%
Vermont	712.0	5,401.1	13.2%
Virginia	980.0	116,949.1	0.8%
Washington	7,976.0	89,373.6	8.9%
West Virginia	1,749.0	33,244.6	5.3%
Wisconsin	1,800.0	69,208.4	2.6%
Wyoming	4,231.0	16,750.2	25.3%

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