

State Renewable Energy Potential and Maps by Type

The following is a list of the types of renewable energy potential on contaminated land and mine sites applicable to each state, based on the screening criteria presented in the Data Guidelines for “Renewable Energy Generation Potential on EPA and State Tracked Sites” Maps. Maps showing renewable energy potential on contaminated land and mine sites were created for states with utility scale wind, community wind, utility scale CSP solar, utility scale PV and/or policy driven solar, biopower facility, biorefinery facility, geothermal flash power plant, and geothermal binary power plant. In addition to the state maps National maps were also developed for utility scale wind, community wind, non-grid wind, utility scale CSP solar, utility scale PV and/or policy driven solar, non-grid PV solar, biopower facility, biorefinery facility, geothermal flash power plant, geothermal binary power plant and geothermal heat pump. Please note that Alaska and Hawaii may have additional potential; the only maps that could be developed, due to limited data resources, are non-grid connected wind, community wind, non-grid connected PV solar, and landfill gas energy. Similarly, the only maps that could be developed for Puerto Rico were wind, solar and landfill gas energy.

State	Utility Scale Wind	Community Wind	Non-Grid Wind	Utility Scale CSP Solar	Utility Scale PV Solar	PV Policy Driven Solar	Non-Grid PV Solar	Biopower Facility	Biorefinery Facility	Landfill Gas Energy	Geothermal Flash Power Plant	Geothermal Binary Power Plant	Geothermal Heat Pump
Alabama							X	X	X	X		X	X
Alaska			X				X			X			
Arizona			X	X	X	X	X	X	X	X	X	X	X
Arkansas							X	X	X	X	X	X	X
California	X	X	X	X	X		X	X	X	X	X	X	X
Colorado	X	X	X	X	X	X	X	X	X	X	X	X	X
Connecticut		X	X				X	X	X	X			X
Delaware						X	X	X	X	X			X
District of Columbia						X	X	X	X				X
Florida							X	X	X	X		X	X
Georgia			X				X	X	X	X			X
Hawaii			X				X			X			
Idaho	X	X	X		X		X	X	X	X	X	X	X
Illinois		X	X			X	X	X	X	X			X
Indiana		X	X				X	X	X	X			X
Iowa		X	X				X	X	X	X			X
Kansas		X	X		X		X	X	X	X		X	X
Kentucky							X	X	X	X			X
Louisiana							X	X	X	X	X	X	X
Maine			X				X	X	X	X			X
Maryland						X	X	X	X	X			X
Massachusetts		X	X				X	X	X	X			X
Michigan		X	X			X	X	X	X	X			X

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Minnesota	X	X	X				X	X	X	X			X
Mississippi							X	X	X	X		X	X
Missouri			X			X	X	X	X	X			X
Montana	X	X	X		X		X	X	X	X	X	X	X
Nebraska	X	X	X		X		X	X	X	X			X
Nevada		X	X	X	X	X	X	X	X	X	X	X	X
New Hampshire						X	X	X	X	X			X
New Jersey						X	X	X	X	X			X
New Mexico	X	X	X	X	X	X	X	X	X	X	X	X	X
New York		X	X			X	X	X	X	X			X
North Carolina		X	X			X	X	X	X	X			X
North Dakota	X	X	X				X	X	X	X		X	
Ohio		X	X			X	X	X	X	X			X
Oklahoma	X	X	X		X		X	X	X	X		X	X
Oregon		X	X		X	X	X	X	X	X	X	X	X
Pennsylvania *		X	X			X	X	X	X	X		X	X
Puerto Rico	X		X		X		X			X			
Rhode Island		X	X				X	X	X	X			X
South Carolina		X	X				X	X	X	X			X
South Dakota		X	X		X		X	X	X	X			X
Tennessee		X	X				X	X	X	X			X
Texas	X	X	X	X	X	X	X	X	X	X	X	X	X
Utah	X	X	X	X	X	X	X	X		X	X	X	X
Vermont			X				X	X	X	X			X
Virginia *		X					X	X	X	X			X
Washington	X	X	X		X	X	X	X	X	X	X	X	X
West Virginia *							X	X	X	X			X
Wisconsin		X	X				X	X	X	X			X
Wyoming	X	X	X		X		X	X	X	X		X	X

* Pennsylvania and West Virginia also have state tracked abandoned coal mines. Virginia has state tracked abandoned coal mines and mineral mines.