

State by State Solar - HAB - Credit Trading

State	Wattage of Solar Installed	Solar % of Energy Market	Solar Investment	Average Solar Score	Reported Algal Blooms (2010-2019)	Environmental Funding Available	Average Algal Bloom Score	Nutrient Trading Programs	Overall Score
Alabama	Moderate	Low	Low	2.33	Least	High	2.5	None	1.94
Alaska	Least	Least	Least	1	NA	Low	2	None	1.33
Arizona	Most	Most	Most	5	Least	Moderate	2	Community Pilot	3.00
Arkansas	Low	Low	Low	2	Low	Least	1.5	Developing	2.50
California	Most	Most	Most	5	Most	Most	5	Community Pilot	4.00
Colorado	High	High	High	4	Moderate	Most	4	Established	4.33
Connecticut	High	High	High	4	Low	Least	1.5	Established	3.50
Delaware	Low	High	Low	2.67	Least	Low	1.5	Community Pilot	2.06
Florida	Most	High	High	4.33	Most	Most	5	Established	4.78
Georgia	Most	High	Most	4.67	Least	Moderate	2	Assessing	3.22
Hawaii	High	Most	High	4.33	NA	Low	2	None	2.44
Idaho	Moderate	High	Moderate	3.33	Moderate	Moderate	3	Established	3.78
Illinois	Moderate	Least	Moderate	2.33	Moderate	High	3.5	Community Pilot	2.61
Indiana	Moderate	Moderate	Moderate	3	Moderate	High	3.5	Community Pilot	2.83
Iowa	Low	Low	Low	2	High	Low	3	Developing	3.00
Kansas	Least	Low	Low	1.67	Most	Least	3	None	1.89
Kentucky	Least	Least	Least	1	Moderate	Moderate	3	Assessing	2.33
Louisiana	Low	Low	Low	2	Least	Low	1.5	Established	2.83
Maine	Least	Moderate	Low	2	Low	Least	1.5	None	1.50
Maryland	High	High	High	4	Low	High	3	Established	4.00
Massachusetts	Most	Most	Most	5	Most	Moderate	4	Community Pilot	3.67
Michigan	Low	Low	Low	2	Moderate	High	3.5	Discontinued	2.17
Minnesota	High	High	High	4	High	Moderate	3.5	Developing	3.83
Mississippi	Moderate	Moderate	Low	2.67	Least	Least	1	None	1.56
Missouri	Moderate	Moderate	Moderate	3	Low	High	3	Established	3.67
Montana	Least	Low	Least	1.67	Low	Least	1.5	Established	2.72
Nebraska	Least	Least	Least	1	Moderate	Least	2	None	1.33
Nevada	Most	Most	Most	5	Least	Low	1.5	Community Pilot	2.83
New Hampshire	Low	Moderate	Low	2.33	High	Moderate	3.5	None	2.28
New Jersey	Most	Most	Most	5	High	Moderate	3.5	Community Pilot	3.50
New Mexico	High	Most	High	4.33	Least	Low	1.5	Community Pilot	2.61
New York	Most	High	Most	4.67	Most	Most	5	Community Pilot	3.89
North Carolina	Most	Most	Most	5	High	Low	3	Established	4.33
North Dakota	Least	Least	Least	1	Moderate	Least	2	None	1.33
Ohio	Moderate	Low	Moderate	2.67	Most	High	4.5	Established	4.06
Oklahoma	Least	Least	Least	1	Moderate	Least	2	None	1.33
Oregon	High	High	High	4	Most	Most	5	Established	4.67
Pennsylvania	Moderate	Low	High	3	Low	Most	3.5	Established	3.83
Rhode Island	Moderate	High	Low	3	High	Low	3	None	2.33
South Carolina	High	Moderate	High	3.67	Low	Most	3.5	Community Pilot	3.06
South Dakota	Least	Least	Least	1	Least	Least	1	Community Pilot	1.33
Tennessee	Moderate	Moderate	Moderate	3	Least	High	2.5	Assessing	2.83
Texas	Most	Moderate	Most	4.33	Low	High	3	None	2.78
Utah	High	Most	High	4.33	High	Moderate	3.5	Community Pilot	3.28
Vermont	Moderate	Most	Moderate	3.67	Low	Low	2	Assessing	2.89
Virginia	High	Moderate	High	3.67	Low	High	3	Established	3.89
Washington	Low	Low	Moderate	2.33	Most	Most	5	Assessing	3.44
West Virginia	Least	Least	Least	1	Least	Moderate	2	Established	2.67
Wisconsin	Low	Low	Low	2	High	High	4	Established	3.67
Wyoming	Low	Low	Low	2	Moderate	High	3.5	Community Pilot	2.50
	Least (1) = <100 MW	Least (1) = <0.20%	Least (1) = <\$100 million		Least (1) = <6 occurrence	Least (1) = <\$75,000,000		None/Discontinued (1)	
	Low (2) = <250 WM	Low (2) = <0.50%	Low (2) = <\$500 million		Low (2) = <16 occurrence	Low (2) = <\$135,000,000		Community Pilot (2)	
	Moderate (3) = <600 MW	Moderate (3) = <1.50%	Moderate (3) = <\$1 billion		Moderate (3) = <30 occurrences	Moderate (3) = <\$300,000,000		Assessing (3)	
	High (4) = <2,000 MW	High (4) = <4%	High (4) = <\$5 billion		High (4) = <45 occurrences	High (4) = <\$600,000,000		Developing (4)	
	Most (5) = >2,000MW	Most (5) = >4%	Most (5) = >\$5 billion		Most = >45 occurrences	Most (5) = >\$600,000,000		Established (5)	

*NOTE: each category was ranked and equally distributed into 5 classes (Least, Low, Moderate, High and Most) with approximately 10 states in each class. The classes were then assigned numerical values corresponding to their weight. The nutrient trading programs were assessed based on how established they were and were also assigned a numerical value corresponding to their weight. These were averaged for all Solar categories, Algal Bloom categories and all total categories to give a final score ranking for each state.

Sources:

- Solar Wattage, Percent of Total Energy Market and Solar Investment: <https://www.seia.org/states-map>
- Reported Algal Blooms: https://www.ewg.org/interactive-maps/algal_blooms/map/
- Environmental Funding: https://ballotpedia.org/Environmental_spending_in_the_50_states
- Nutrient Trading Programs: <http://www.envtn.org/water-quality-trading/state-programs>