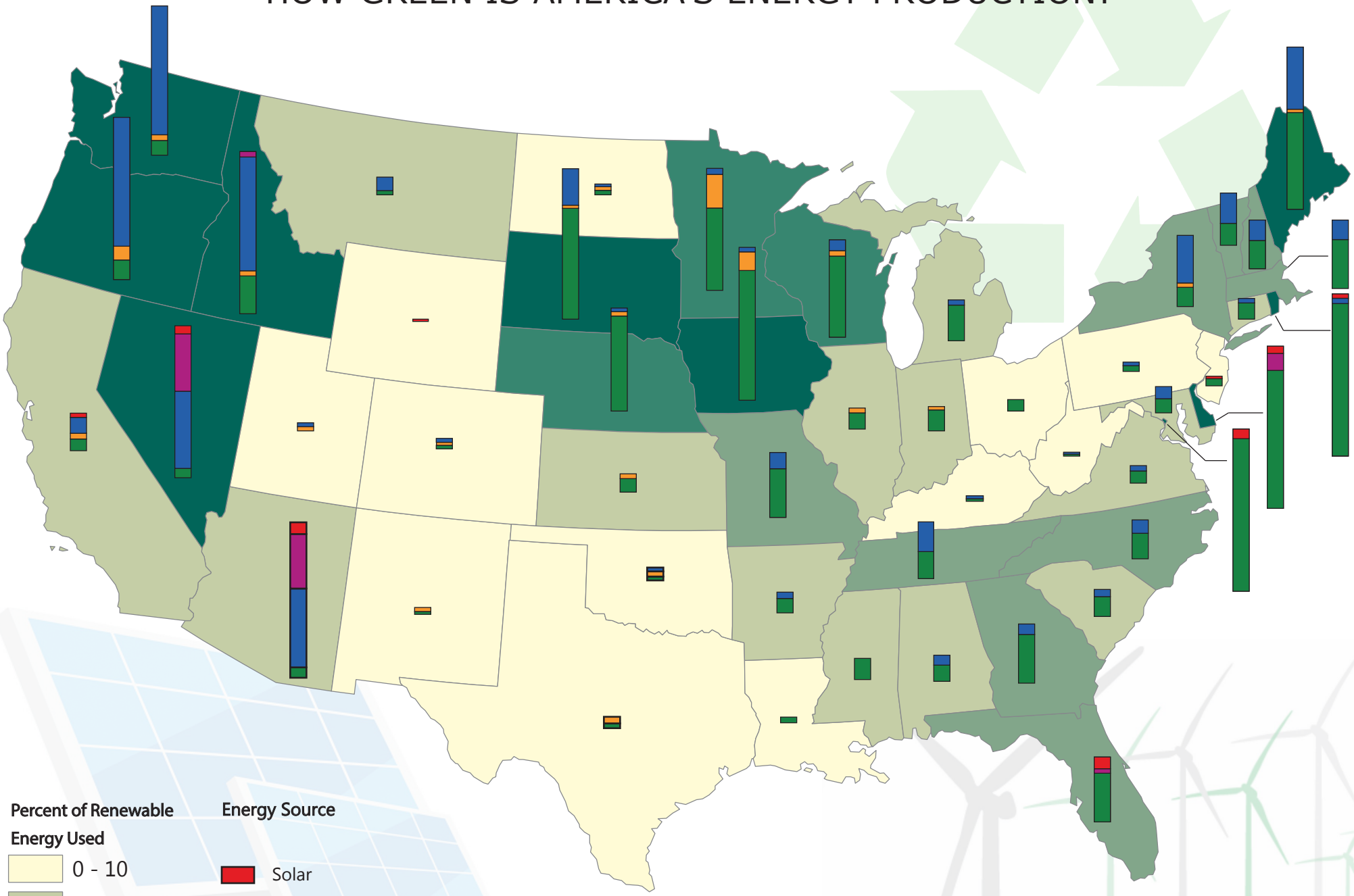
HOW GREEN IS AMERICA'S ENERGY PRODUCTION?



Percent of Renewable Energy Used

- 0 - 10
- 10 - 25
- 25 - 50
- 50- 75
- 75 - 100

Energy Source

- Solar
- Geothermal
- Hydroelectric
- Wind
- Biomass*

*Biomass includes ethanol. This plant-based fuel is a renewable energy source as the use of ethanol completes a cycle when CO2 and water are released back into the atmosphere after combustion. While burning ethanol reduces green house gas emissions, the entire process to produce this fuel requires enough non-renewable energy that the potential benefits are diminished. From the initial land clearing to fertilization and transportation of crops, enough energy is used to cancel the green standard of ethanol. It is important to consider the percentage of ethanol included in biomass to fully understand how green America's energy production actually is.

Projection: USA Contiguous Albers Equal Area Conic
Data Source: US Energy Information Administration
Scale: 1.7e7
Created By: Daniel Roback

0 250 500 Miles

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