

# Who Produces the Energy we Use?

-Highlighting the Potential of Renewable Energy in the Midwest, 2011

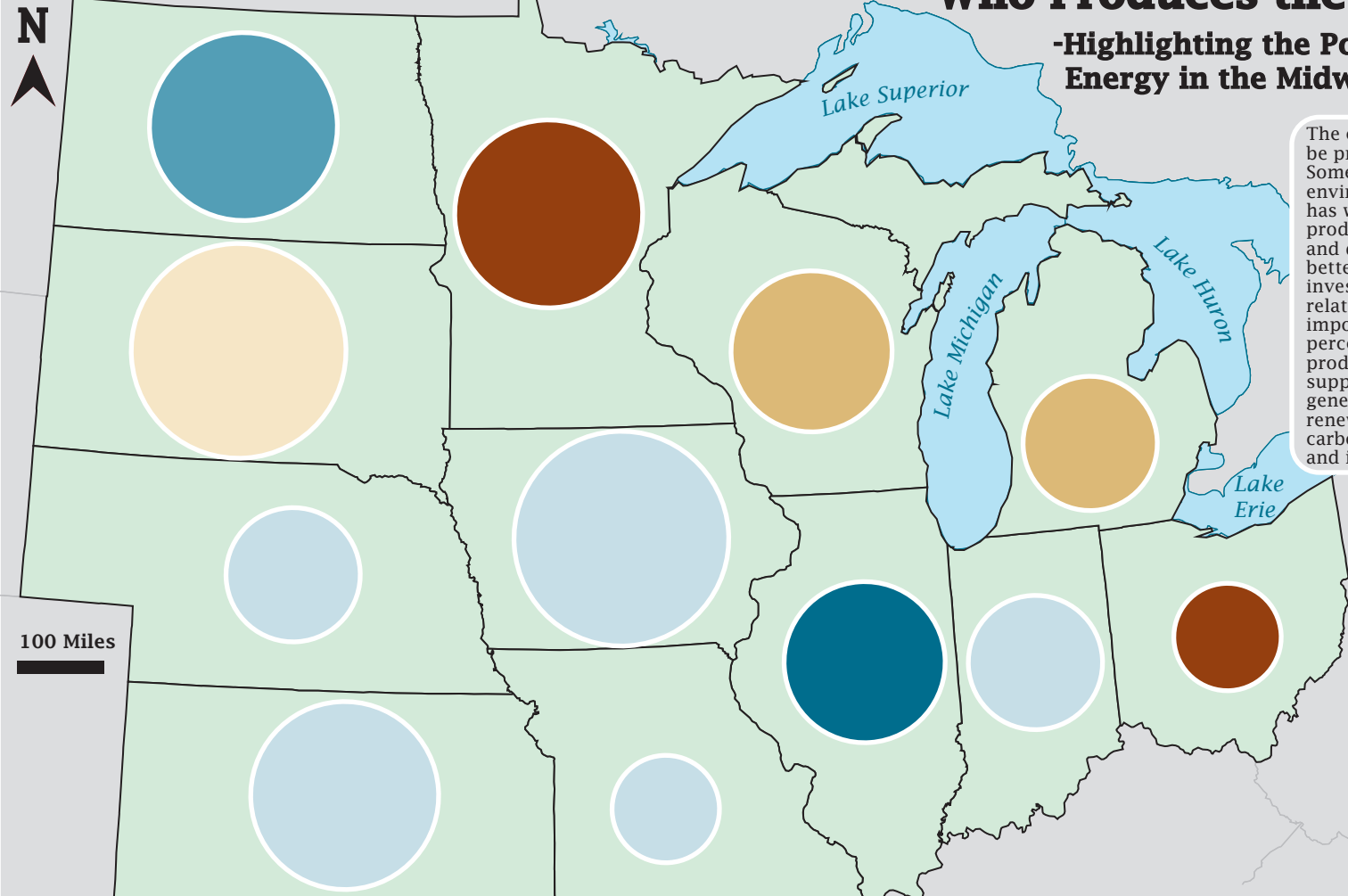
The electricity used to power our lives can be produced from a variety of sources. Some sources are better for our environment than others. Historically, coal has widely been used for electricity production but this technology is outdated and dirty. Renewable energy systems are better for the environment and a better investment in the long run. Depicted is the relationship between states that import/export electricity and the percentage of renewable energy they produce. This map provides evidence supporting clean renewable energy. In general, states with larger percentages of renewable energy tend to produce less carbon dioxide from electricity production and import less energy.

## Wisconsin's Role in 2011

Carbon Dioxide Emissions (Electric):  
46,257,128 Metric Tons

Percent Renewable:  
3.99%

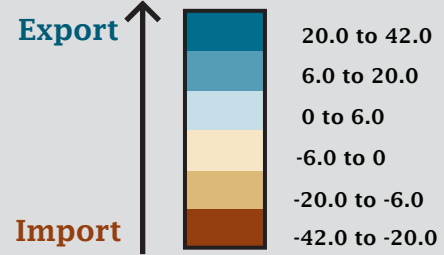
Total Electric Import:  
12,441,379 Mwh



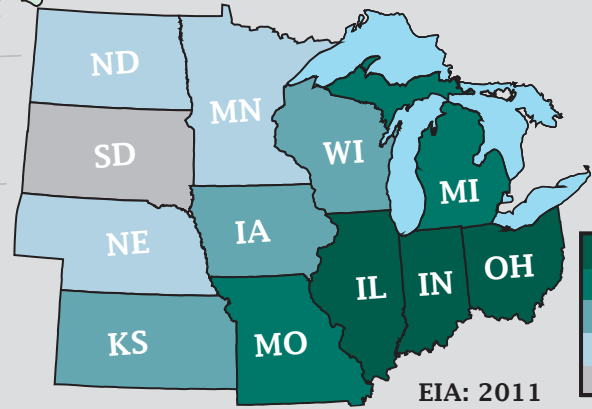
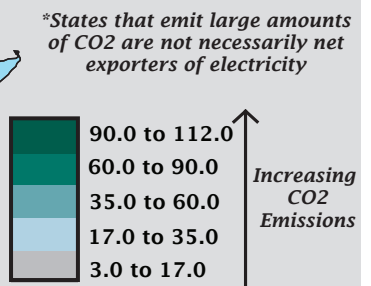
Annual Percentage of Renewable Electricity (Percent of Total Electric Production)



Net Annual Import or Export of Electricity (Million Mwh/ Year)



CO2 Emissions- Electricity Generation (Combustible Sources Million Metric Tons/ Year)



EIA: 2011

Author: Sean R. Johnson. Projection: USA Contiguous Albers Equal Area Conic. Lat of Origin: 43N. Central Meridian: -89.0 Class breaks were decided with a geometric equation due to outliers. Sources: Energy Information Administration and Wikipedia Accessed December 2013. All data is from 2011.