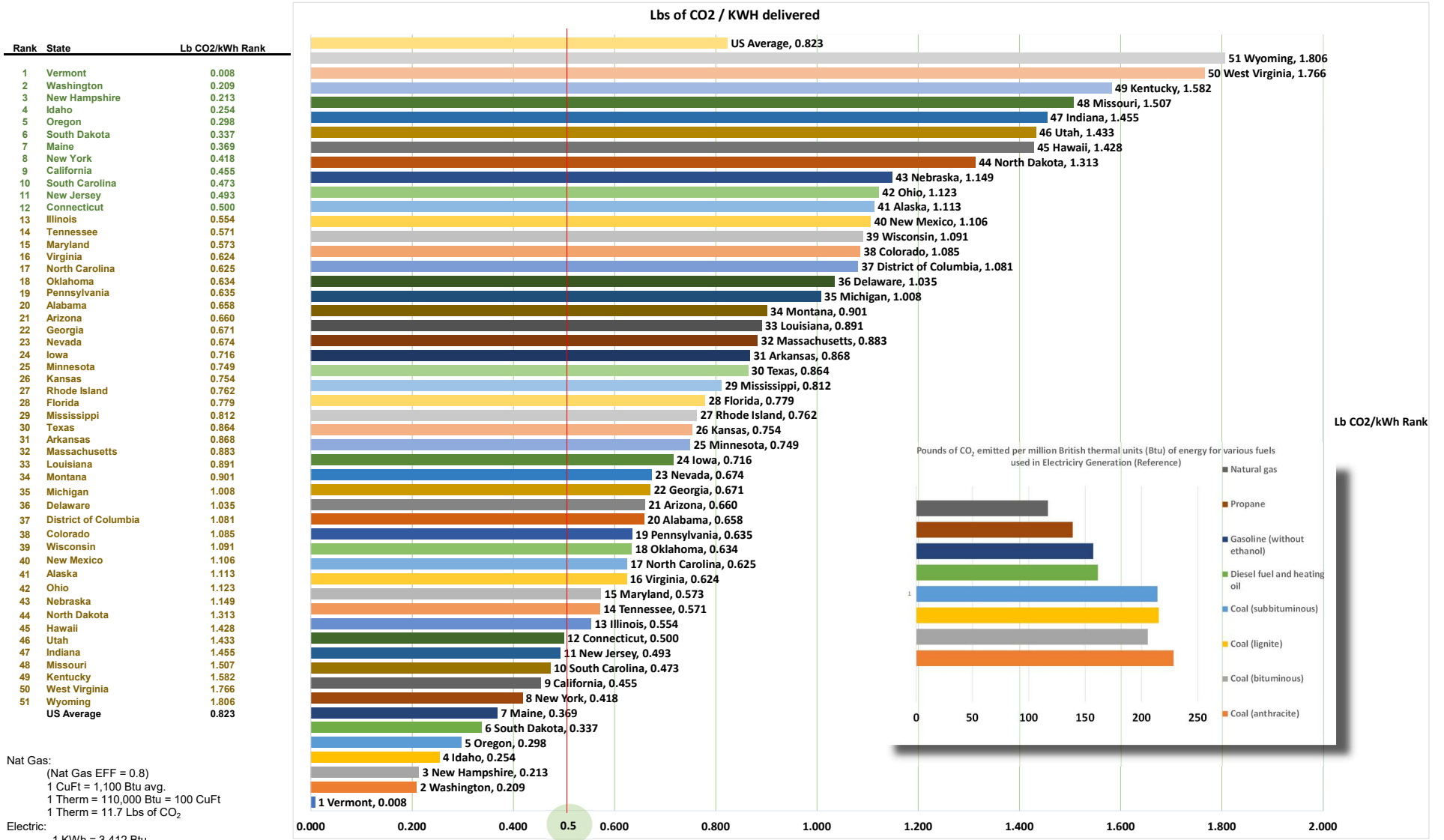


Is your state ready to join the decarbonization movement? (Decarbonization =< 0.5 Lbs of Co2 / KWh)



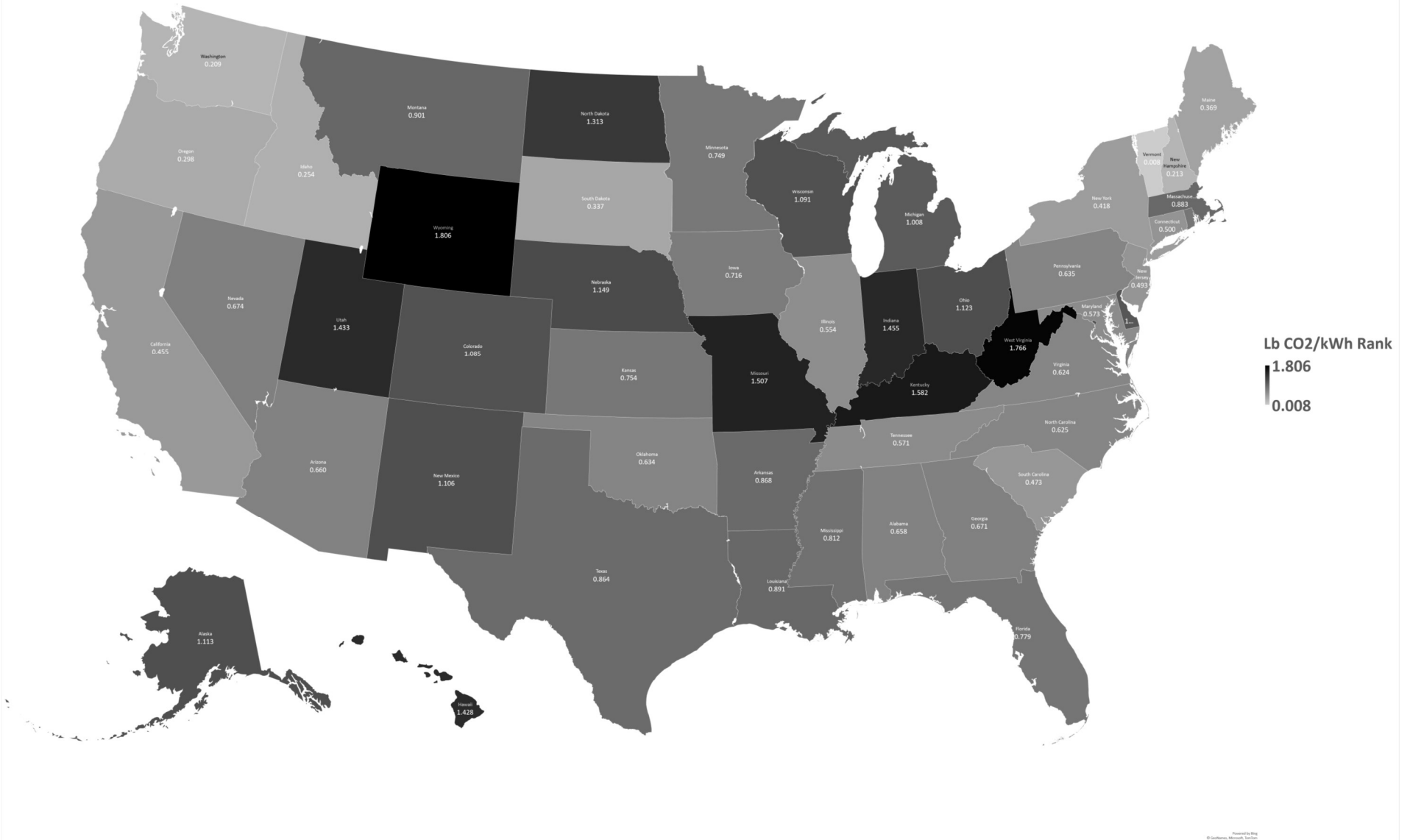
Nat Gas:
 (Nat Gas EFF = 0.8)
 1 CuFt = 1,100 Btu avg.
 1 Therm = 110,000 Btu = 100 CuFt
 1 Therm = 11.7 Lbs of CO₂

Electric:
 1 KWh = 3,412 Btu

Nat Gas CO₂ = (1,000,000 / 0.8 EFF) x 117 Lb CO₂ / Million Btu = 146 Lbs
 Electricity to produce 1,000,000 Btu: = 1,000,000 / 3,412 Btu / KWh = 293 KWh
 Equivalent Electric Carbon intensity: = 146 / 293 = 0.5 Lbs CO₂ / KWh

Based on 2020 data
 Source Data from EIA: <https://www.eia.gov/electricity/data/emissions/>

Lbs of CO2 per KWh State Ranking Based on 2020 EIA data.



Lb CO2/kWh Rank
1.806
0.008