

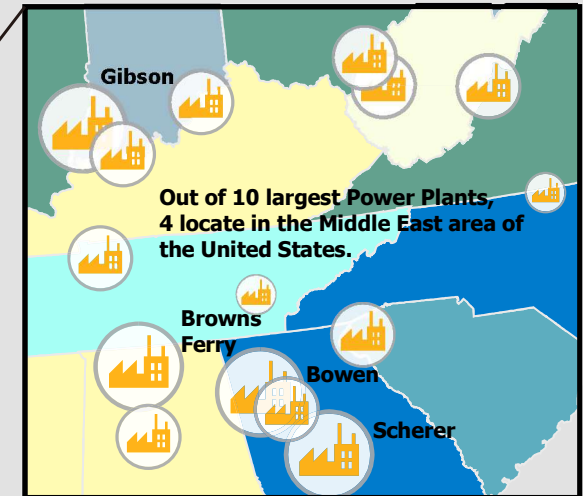
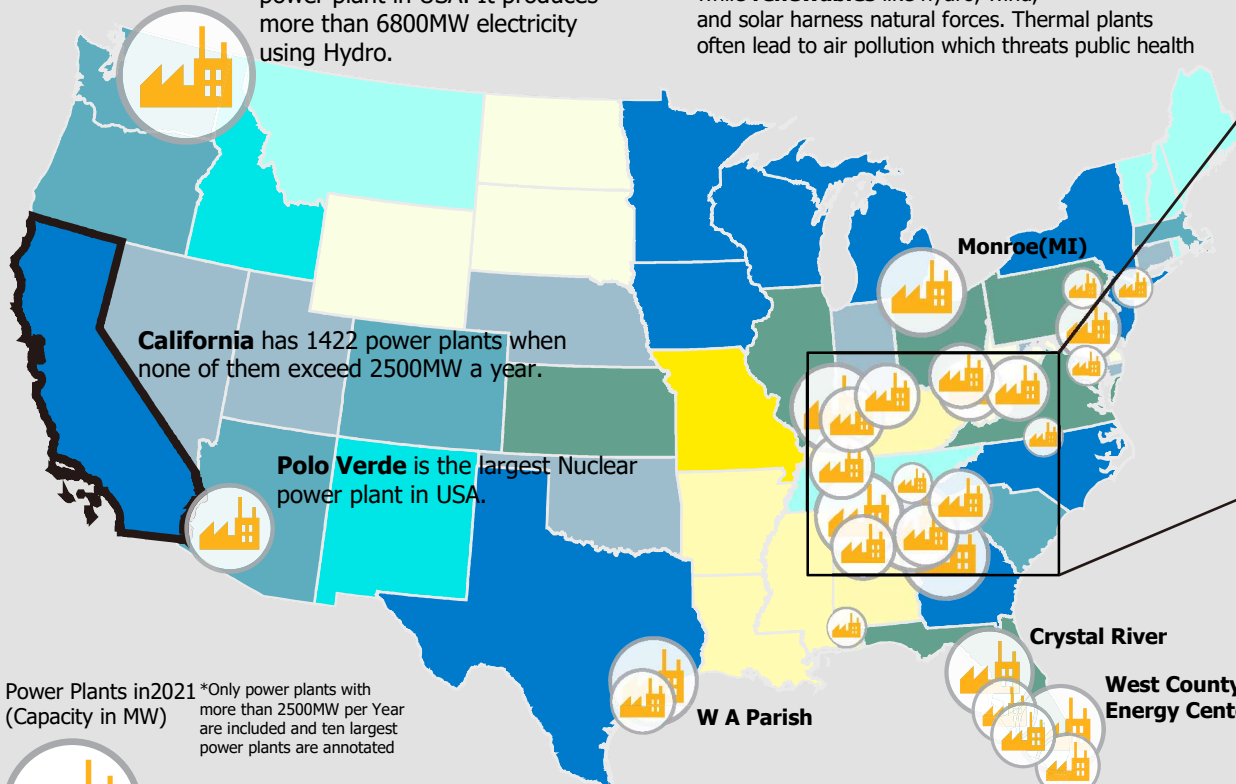
# Breathing Easier with Clean Energy



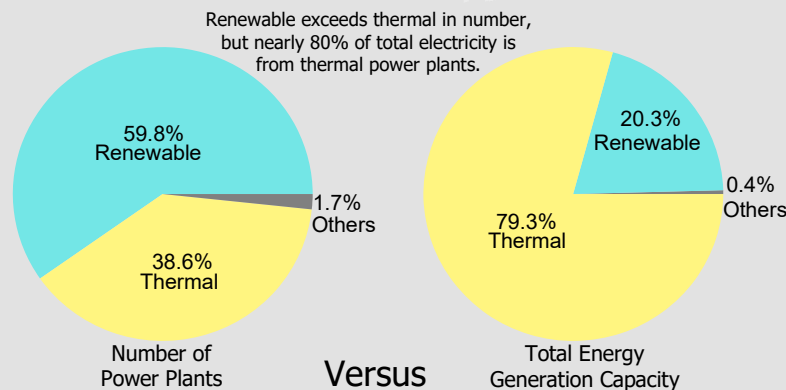
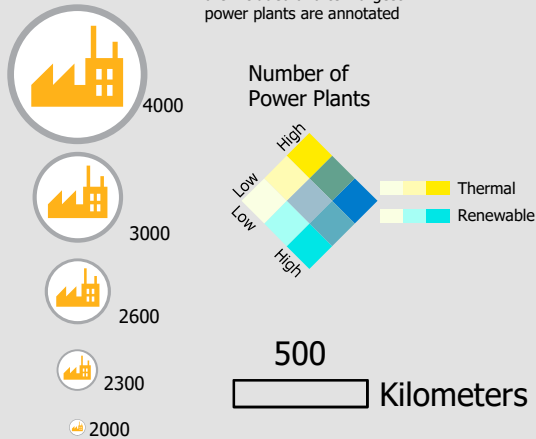
## How Large Power Plants Effect Our Health?

**Grand Coulee** is the largest power plant in USA. It produces more than 6800MW electricity using Hydro.

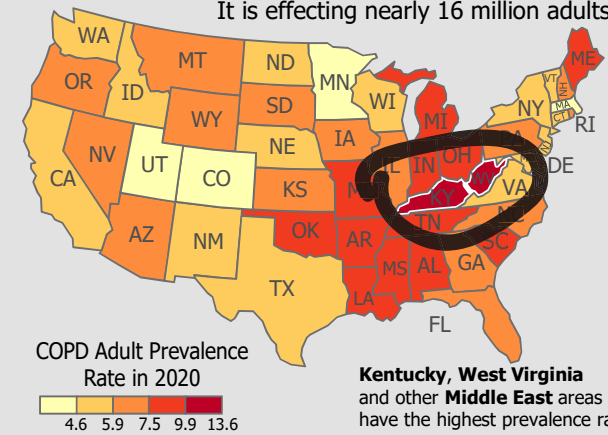
⚡ **Thermal plants** use coal, gas, oil, nuclear, or geothermal energy for power generation, while **renewables** like hydro, wind, and solar harness natural forces. Thermal plants often lead to air pollution which threatens public health



Power Plants in 2021 (Capacity in MW) \*Only power plants with more than 2500MW per Year are included and ten largest power plants are annotated



**Chronic obstructive pulmonary disease (COPD)** is a long-term lung disease related to air condition. It is effecting nearly 16 million adults.



Projection: USA Contiguous Albers Equal Area Conic USGS Central Meridian(96° W), Standard Parallel(29.5°N, 45.5°N)  
 Data Sources: Global Power Plant Database, U.S. Chronic Disease Indicators (CDI)  
 Author: Qianheng Zhang Date: 2023/12/12