



WEST VIRGINIA

OFFICE OF

ENERGY

A DIVISION OF THE WV DEVELOPMENT OFFICE



Backgrounder

# Venezuela: The Rise and Fall of a



MARKETS

BUSINESS

INVESTING

TECH

POLITICS

CNBC TV

INVESTING CLUB



PRO

CHINA POLITICS

## China hawk says Beijing could attack Taiwan by 2024, bringing 'war to the West'

PUBLISHED WED, AUG 9 2023 • 1:43 AM EDT



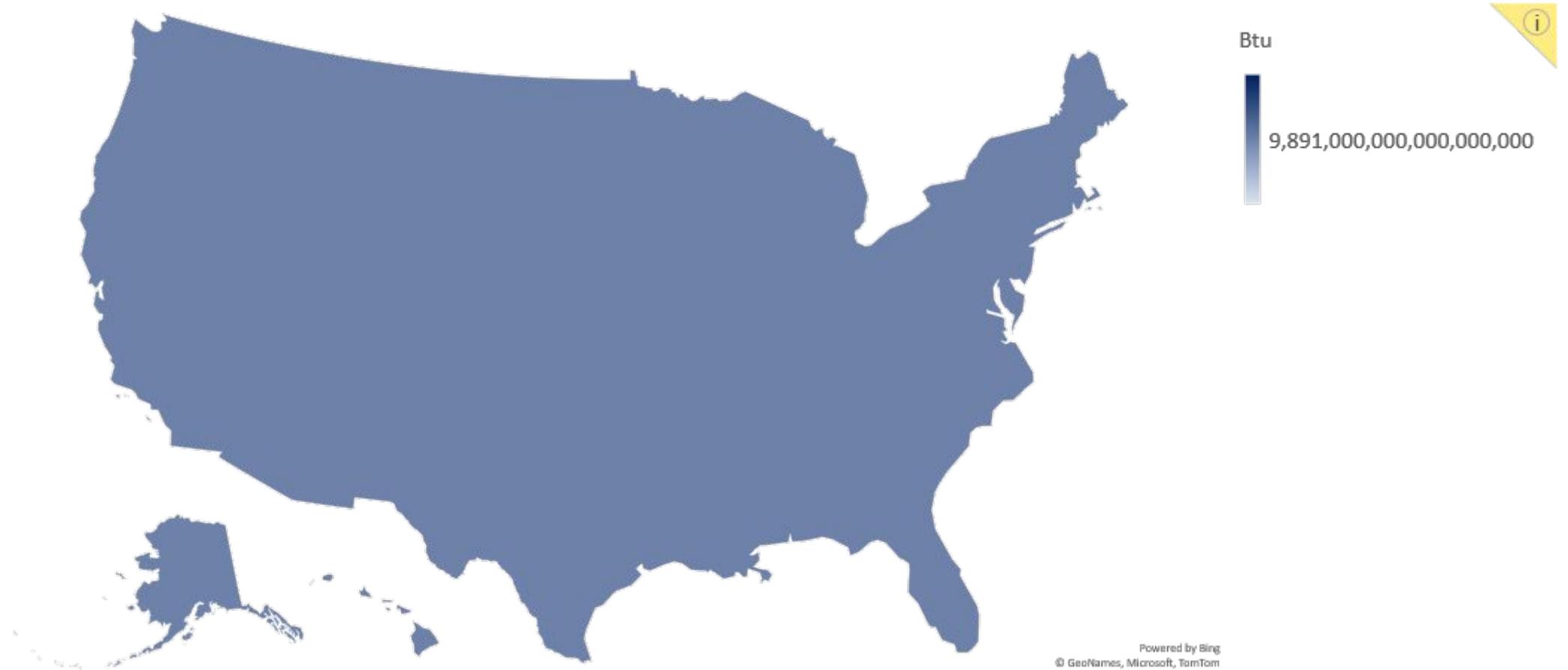
Karen Gilchrist

@\_KARENGILCHRIST

SHARE



# United States Coal Reserves



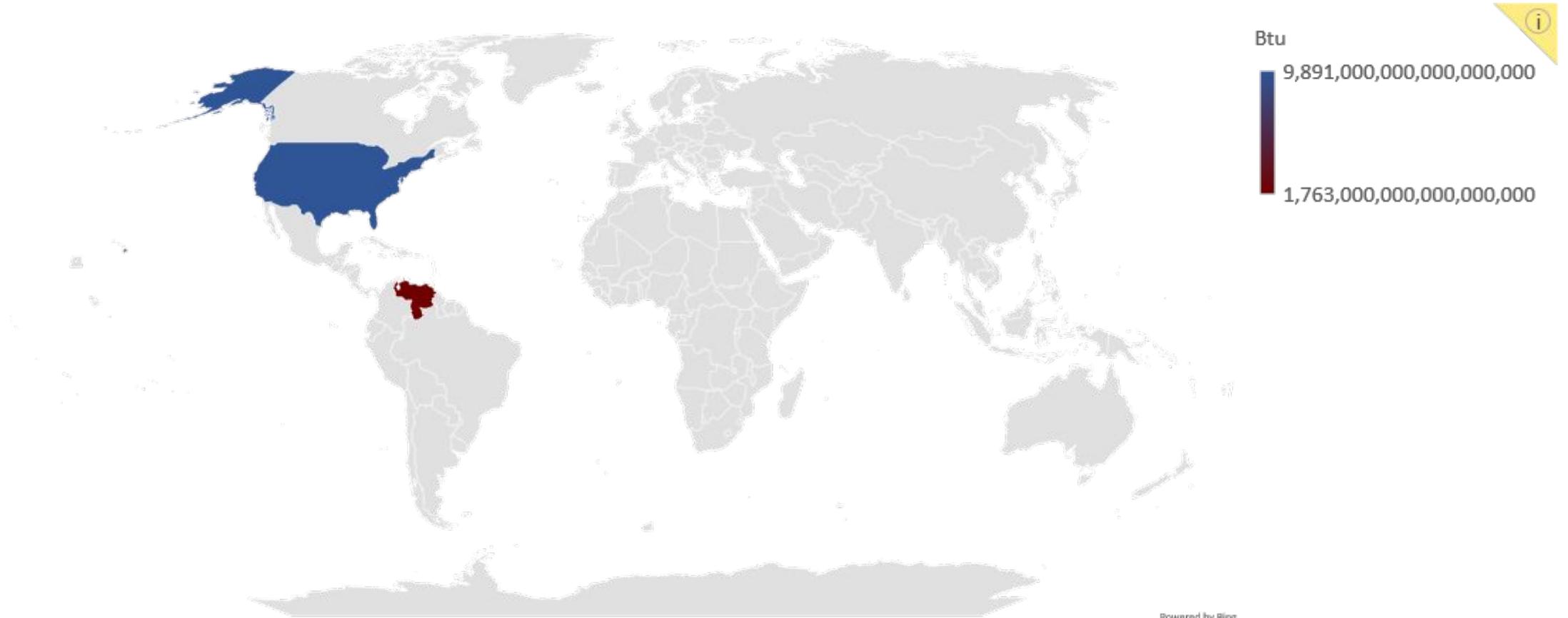
# US Coal - Saudi Arabia Petroleum



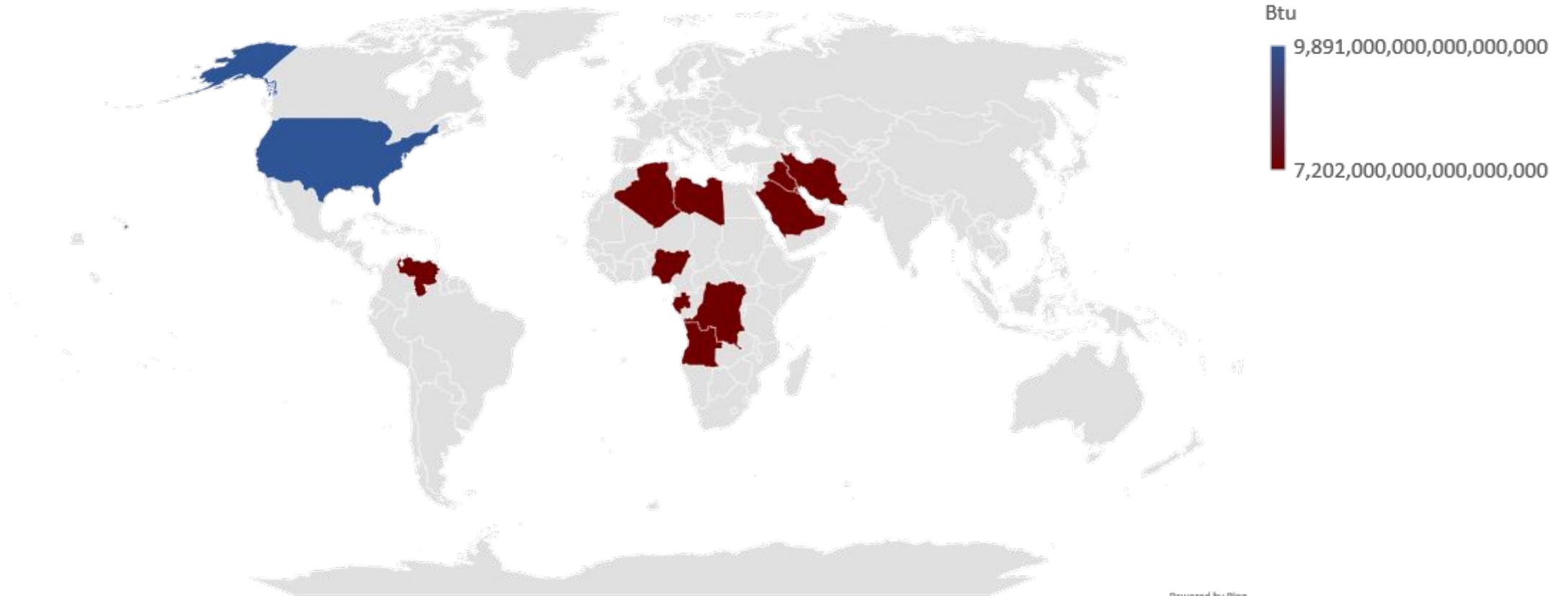
# US Coal – Iran Petroleum



# US Coal – Venezuela Petroleum



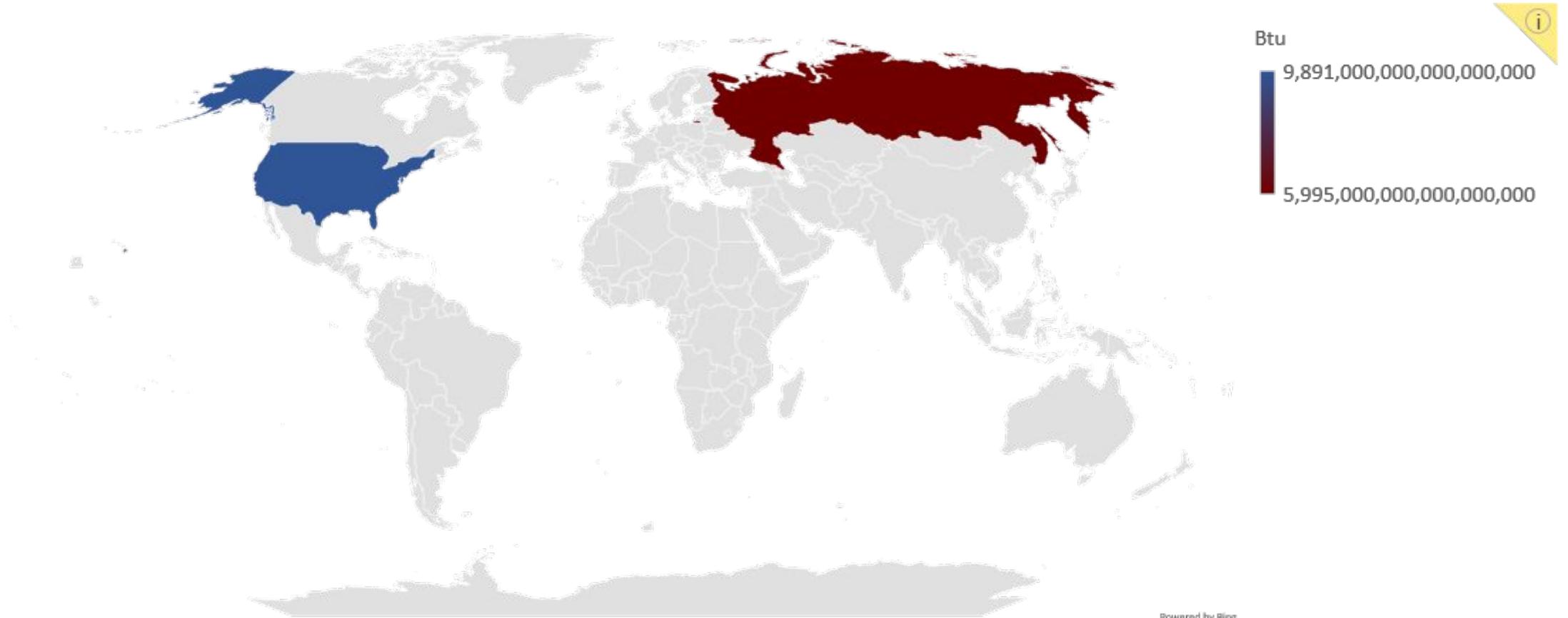
# US Coal – OPEC Petroleum



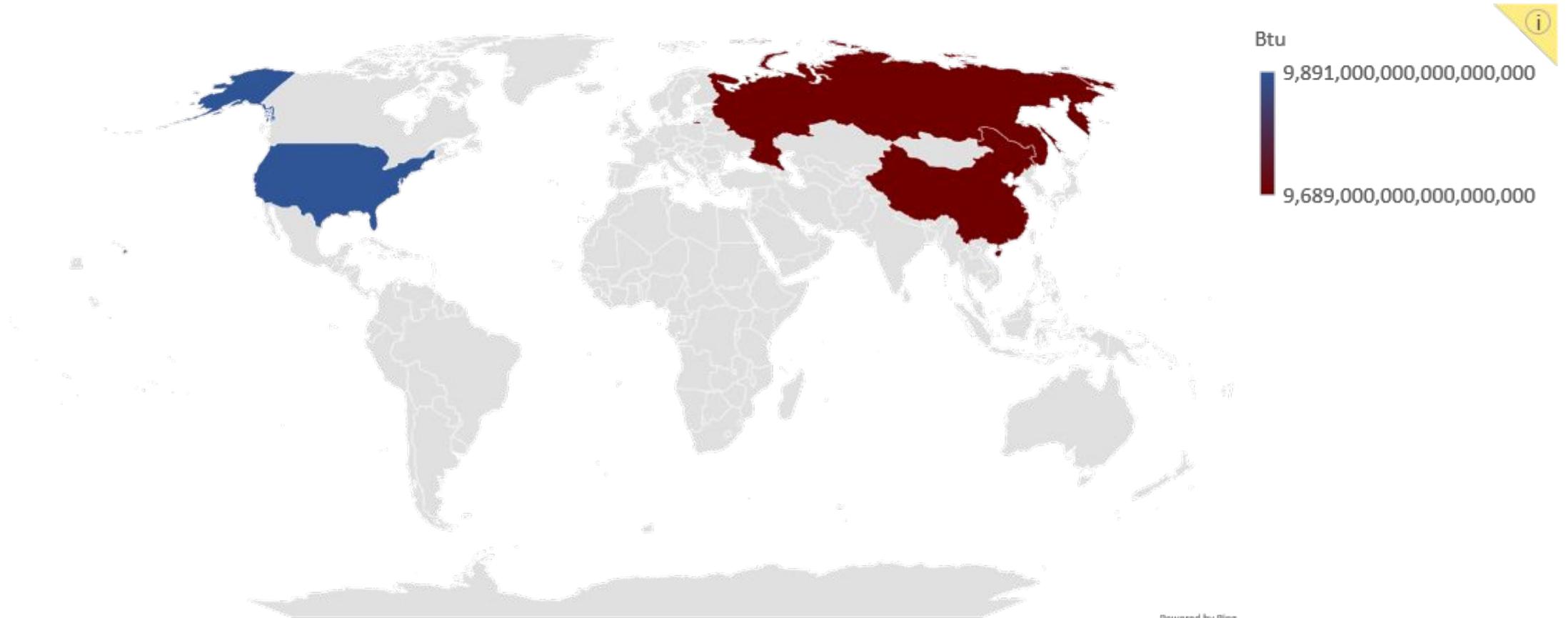
# US Coal – China Coal, Natural Gas & Petroleum



# US Coal – Russia Coal, Natural Gas & Petroleum



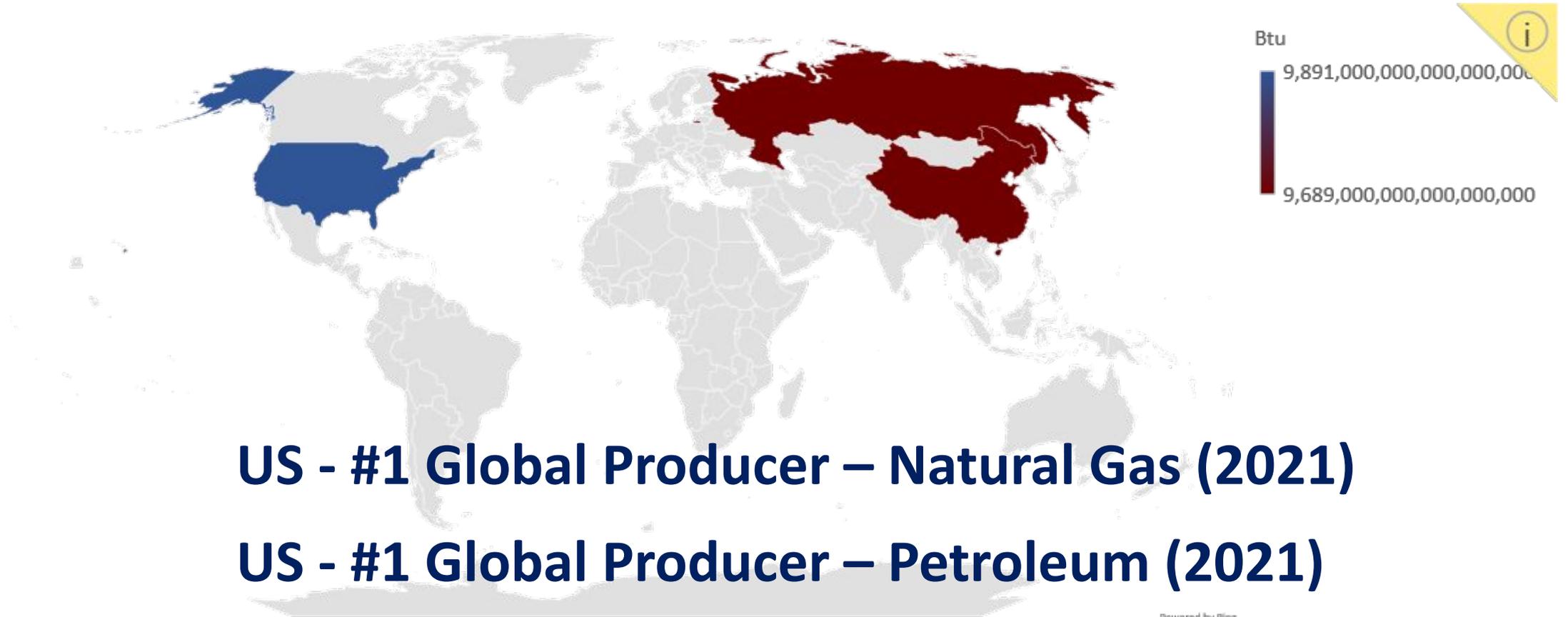
# US Coal – Russia & China Combined Reserves



# US Coal – Russia & China Combined Reserves



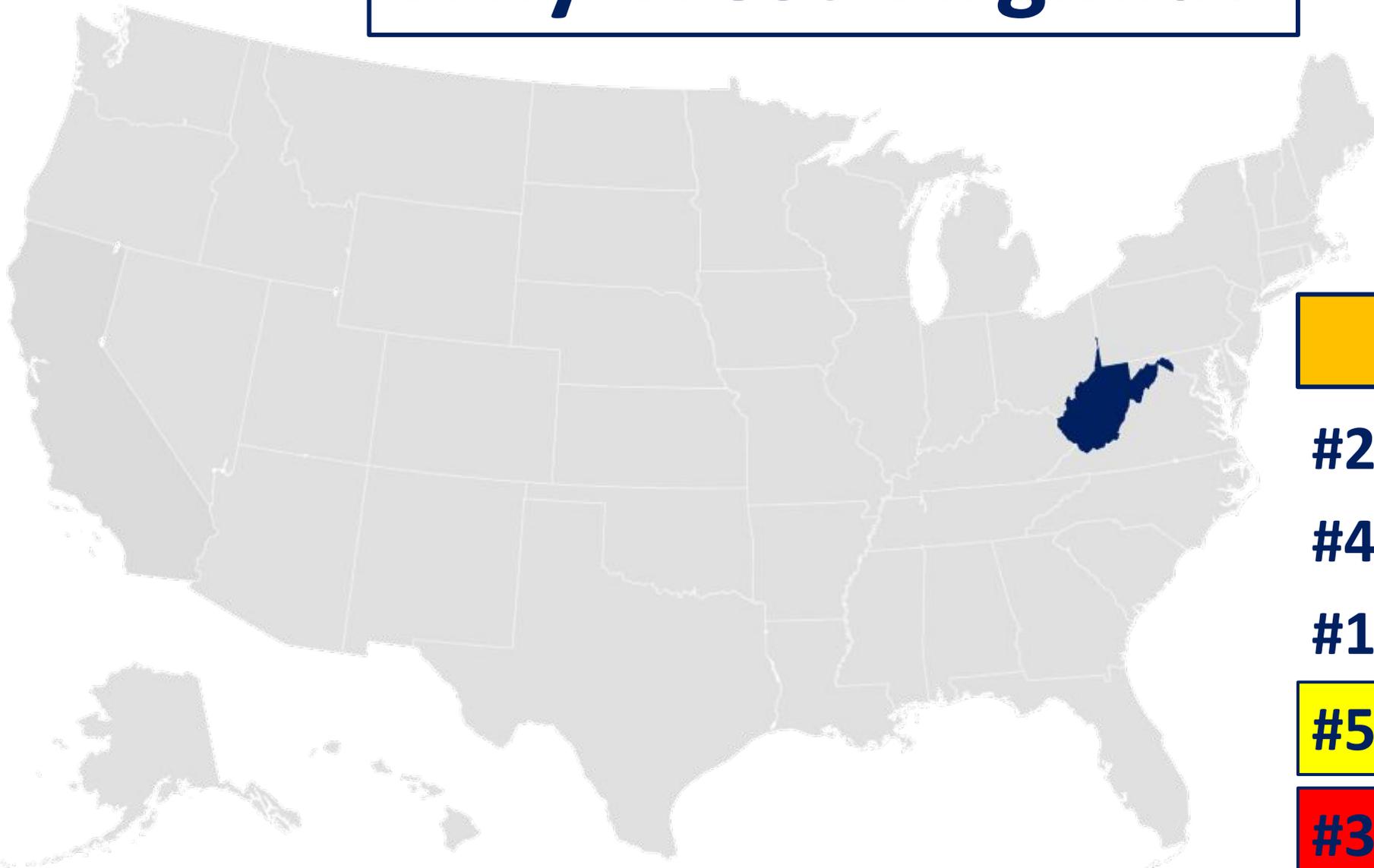
# US Coal – Russia & China Combined Reserves



**US - #1 Global Producer – Natural Gas (2021)**

**US - #1 Global Producer – Petroleum (2021)**

# Why West Virginia?



## National Rank

**#2 - Coal**

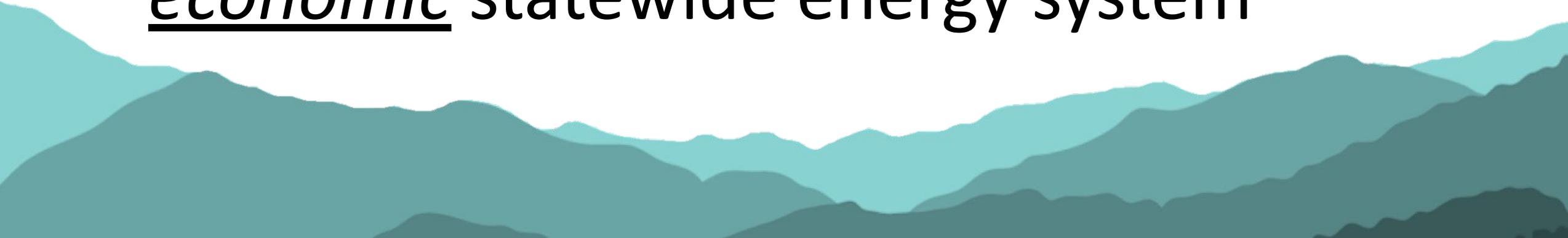
**#4 - Natural Gas**

**#14 - Petroleum**

**#5 - Total Production**

**#31 - Generation**

# STATUTORY MANDATE

- Increase development and production of NEW and EXISTING domestic energy sources
  - Develop a dependable, efficient and economic statewide energy system
- 
- A decorative graphic at the bottom of the slide consisting of several overlapping, stylized mountain ranges in various shades of teal and green, creating a layered, landscape effect.



**WV REAL ENERGY**

*Reliable, Efficient, Affordable & Local*



**WV REAL ENERGY**

*Energy Benchmarking Program*

- Benchmark energy use in all state buildings**
- Approximately 14,000 buildings**
- Reduce energy usage by 25% from 2018 levels by 2030**



**WV REAL ENERGY**

*Grid Resilience Program*

- US DOE Grant - \$8 million**
- Map and rank all electrical circuits in state**
- Develop phased plan to install smart circuits, and tie-lines, bury lines and move poles**



**WV REAL ENERGY**

*Home Efficiency Rebates*



**WV REAL ENERGY**

*Home Appliance Rebates*

- US DOE formula funds – approximately \$44 million each
- WVOE developing implementation plan
- Considering “Quick Start Pilot Program” for early implementation

**US DOE Competitive Grant  
for residential solar**

**Submitted application  
seeking \$170 million**

**\$90mm residential roofs**

**\$30mm university housing**

**\$30mm community solar**



**WV REAL ENERGY**

*Resilient Roofs Program*

- US DOE Grant to develop state energy security plan**
- Coordination with US Homeland Security, State Homeland Security & Fusion Center**
- Purchase: Rescue 42 CRD Deployable Cell Tower**



**WV REAL ENERGY**  
*Energy Security Plan*

# QUESTIONS

