



City of Mills, Wyoming
Rocky Mountain Power

May 8, 2023

Wyoming Electric Power Today

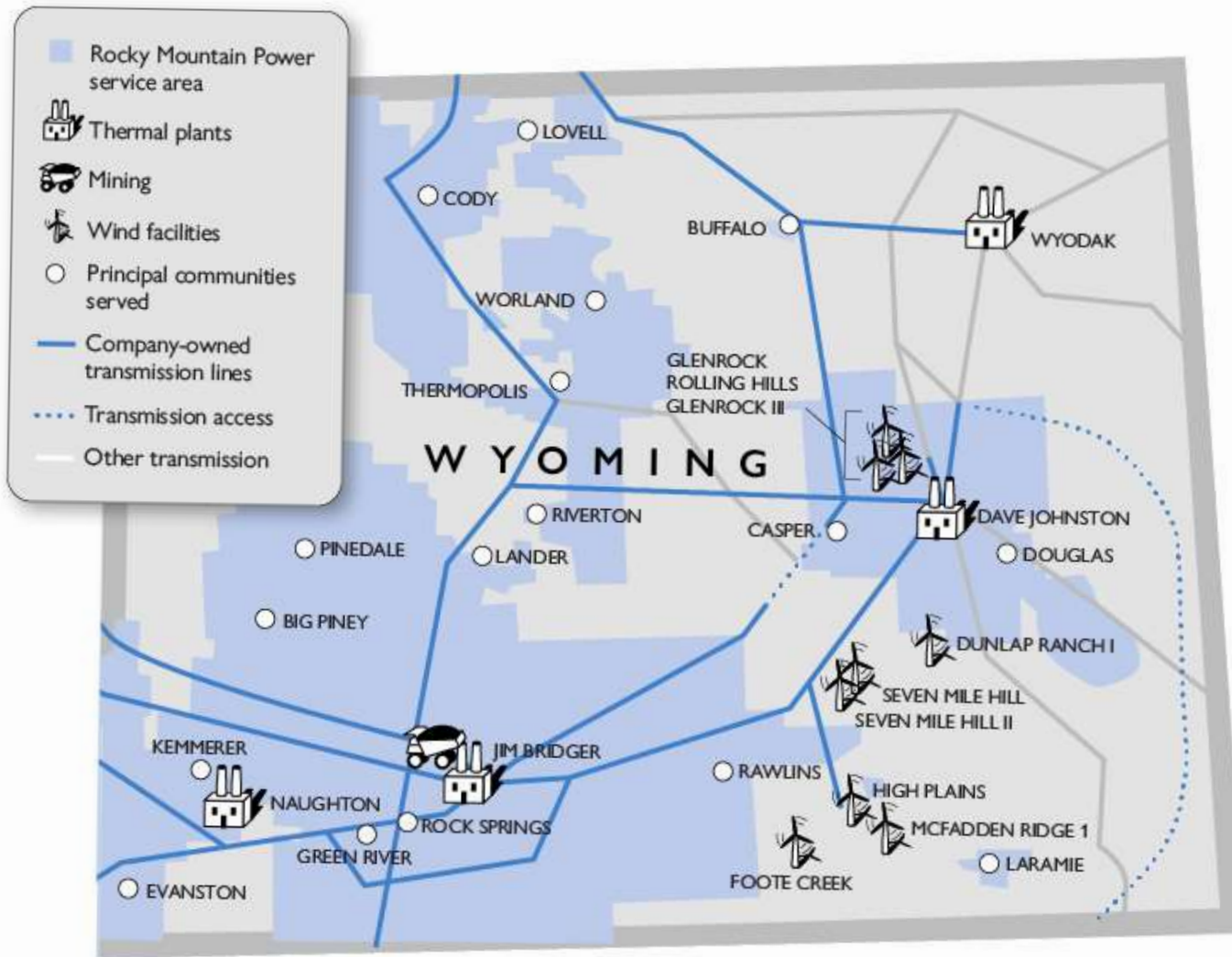
- Rate Increase Filed March 2023 Wyoming Public Service Commission Approval
- Rocky Mountain Power service areas in Wyoming
- Rocky Mountain Power price comparisons nationally and statewide
- How does Rocky Mountain Power Generate Power
- New Power Generation & Storage Plans
- Ways to Save Energy – Save Money. Wattsmart.

- In early March 2023, Rocky Mountain Power filed a general rate case in Wyoming seeking a 21.6% rate increase

Factors involved

- Changing economic conditions – overall inflation significantly impacting utility operations
- Including the cost of fuel for large fleet of vehicles
- 38% Increase in raw fuel for steam driven generation – think coal

Wyoming Overview



- 148,000 Wyoming customers
- 1,040 Wyoming employees with payroll of \$134 million
- \$22 million in annual property taxes
- \$3.4 billion total assets in WY

Wyoming grants and charitable donations in 2021

- Community Giving: \$682,000

Electric Power Utilities in Wyoming

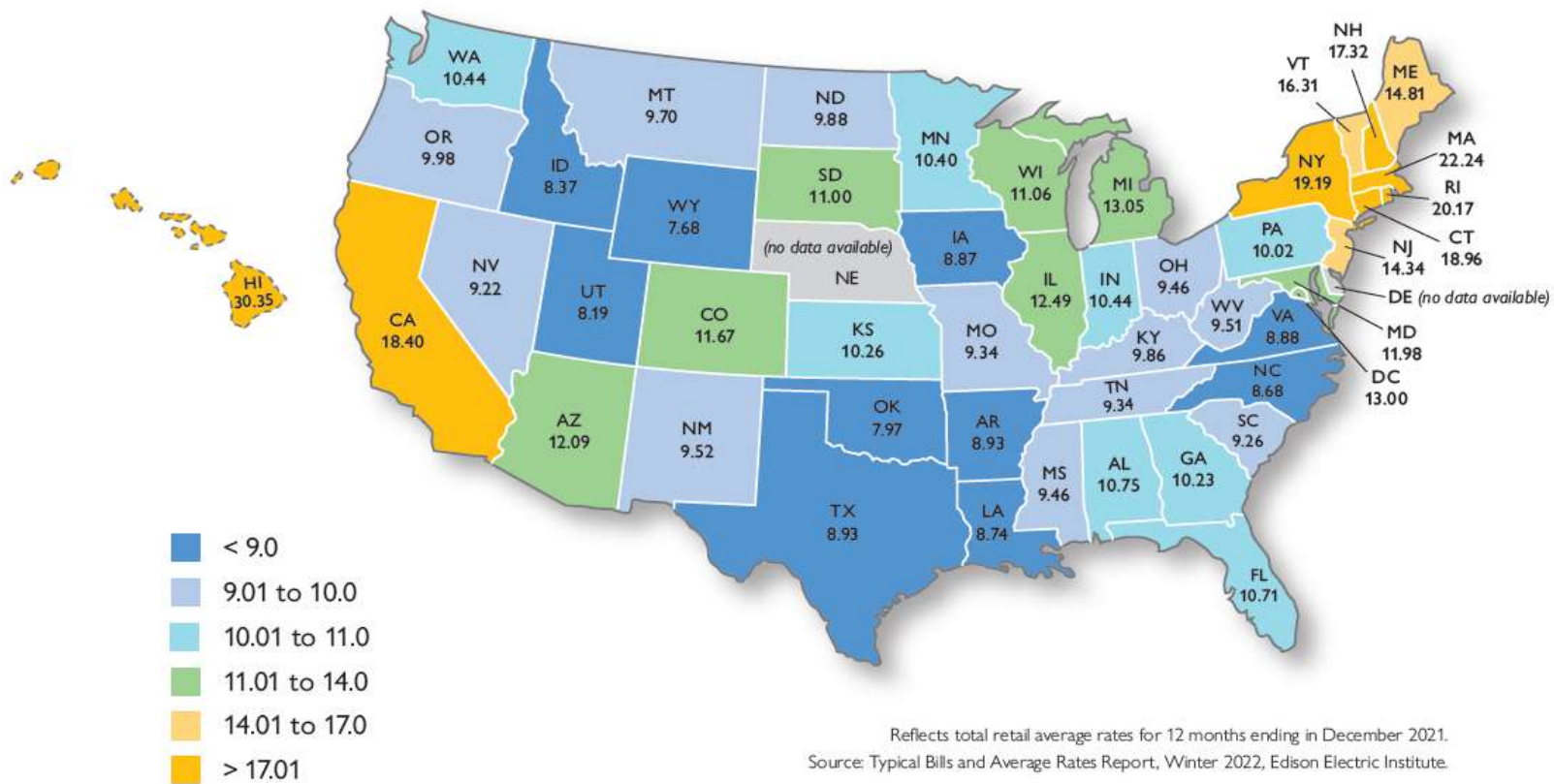
- 3 Investor Owned Utilities
 - Rocky Mountain Power
 - Black Hills Energy (Cheyenne)
 - MDU (Sheridan)
- 11+ Rural Electric Associations
 - High West Energy
 - Carbon Power and Light
 - Lower Valley Electric
 - Powder River Electric
 - High Plains Power
 - Big Horn Electric
 - Niobrara REA
 - Garland Power and Light
 - Bridger Valley REA
 - Wheatland REA
 - Wyrulec
 - ...Yampa Valley REA



We serve Wyoming

- Vast modernized grid
- Portfolio of diverse energy resources
- Innovation and partnership
- Investment in Wyoming

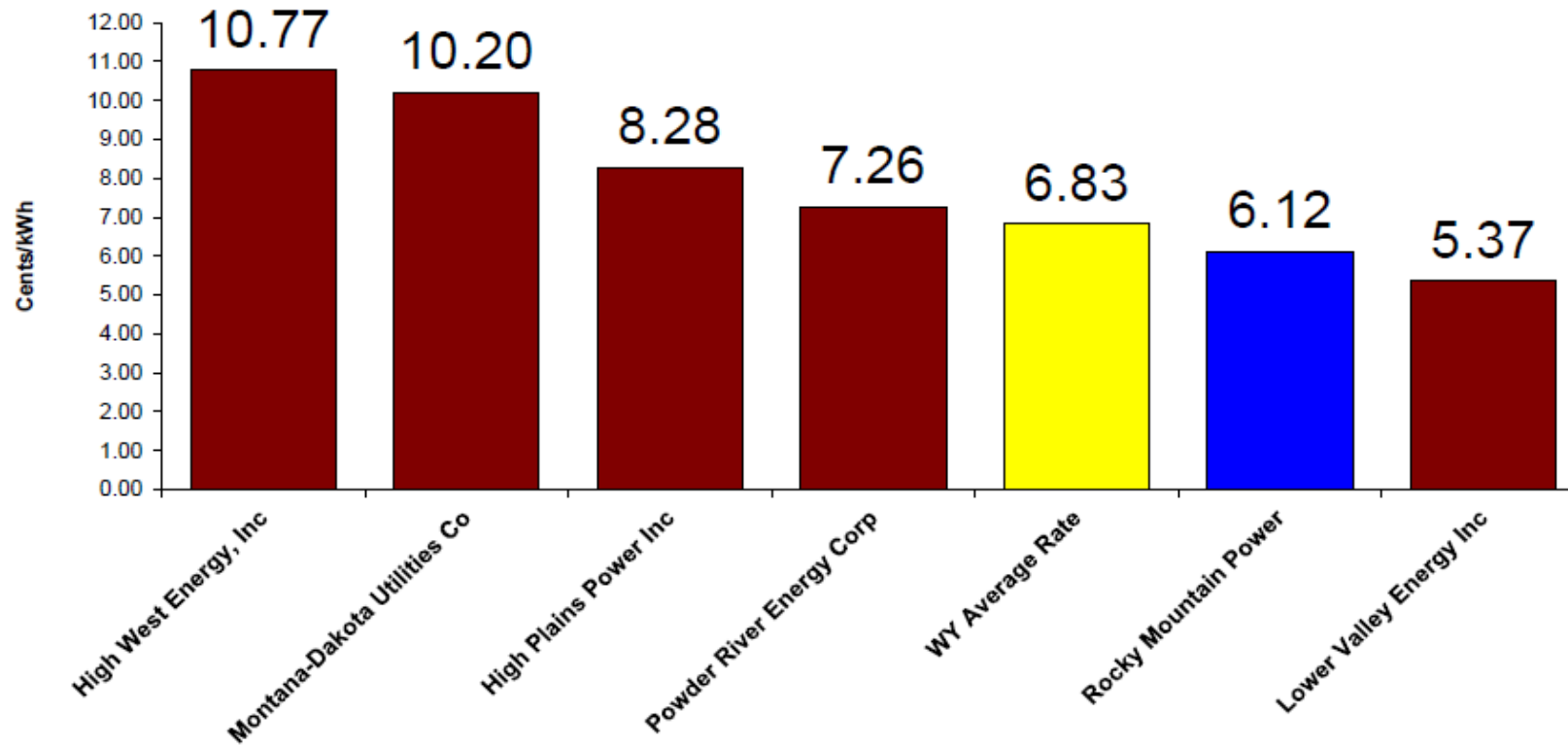
Total retail average rates by state (cents per kilowatt-hour)



Wyoming lowest and very near lowest electric power rates of all 50 US states!

Wyoming Industrial Average Rates

Wyoming Industrial Average Rates 2021



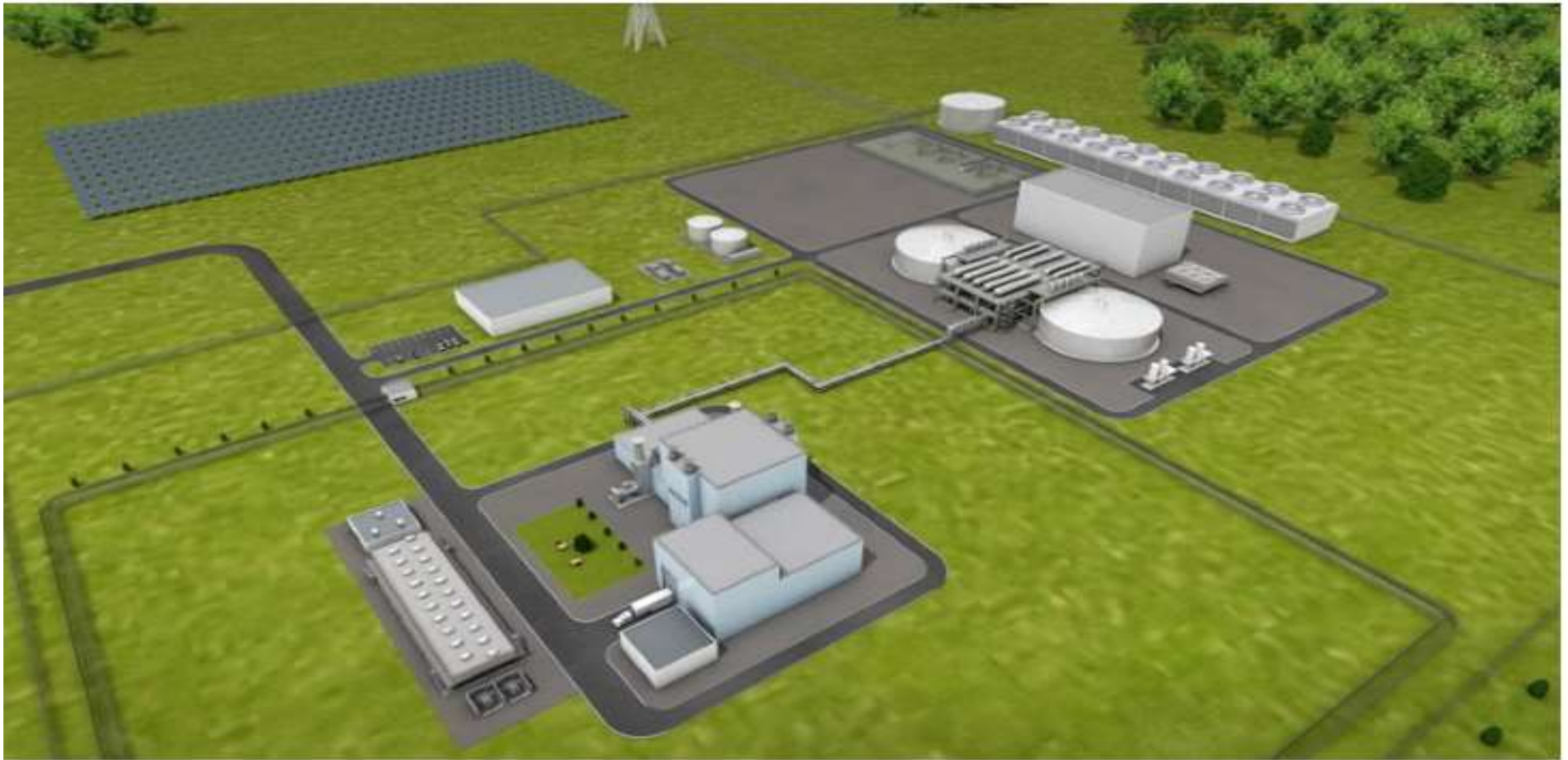
Where Is Power Generated?

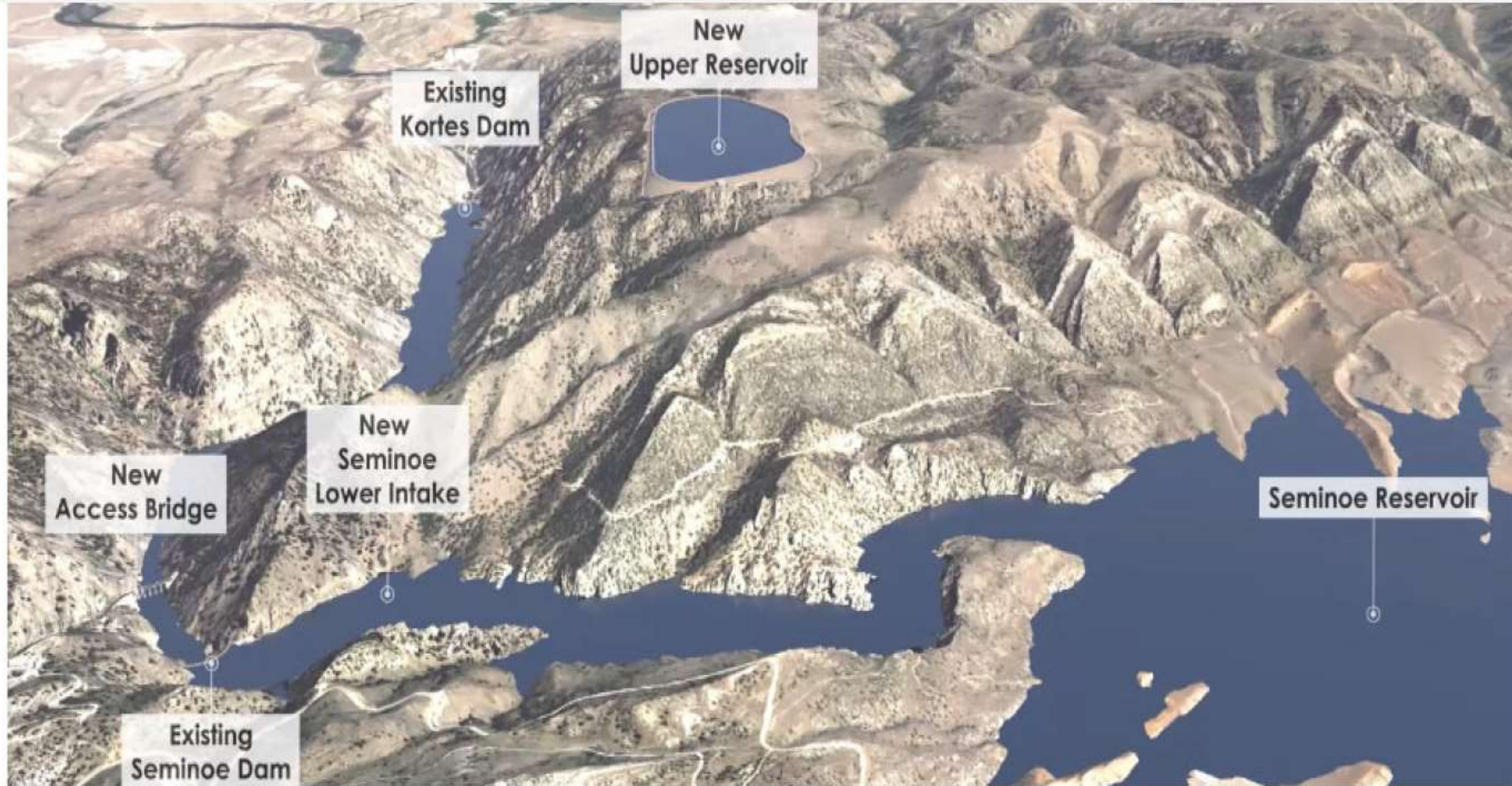
- **Thermal** (steam driven power turbines) – Wyoming generation Naughton, Jim Bridger, Dave Johnston and WyoDak plants.
- **Renewable Resources** – wind and solar are generated in Wyoming.
- **Hydro-electric** dams owned primarily in Pacific Northwest. PacifiCorp also purchases hydro power from Bureau of Reclamation (think Seminoe, Kortez, Pathfinder and Alcova hydroelectric dams) via Western Area Power Administration.

Nuclear Power Plans

- TerraPower plans to construct a Sodium reactor demonstration project in Kemmerer, Wyoming
- Clean energy – lifetime CO₂ footprint less than solar generation
- 345 MW to 500 MW capacity
- Low pressure, high temperature gives this an improved nuclear safety design
- Use of existing grid systems to enhance grid reliability and stability
- More Sodium Reactors are likely to be announced in the next 2-3 years:
 - Integrated Resource Plan released 2021. Revised IRP expected in 2023.
- New siting still to be determined – potential Wyoming coal plant sites:
 - Dave Johnston (Glenrock)
 - Jim Bridger (east of Rock Springs)
 - WyoDak (Gillette)

Pilot Natrium Plant





This graphic shows key sites involved with the Seminoe Pumped Storage project in Wyoming. The new upper reservoir will be built to store water that will be moved to the lower, existing Seminoe Reservoir. Courtesy: rPlus Hydro

Questions

