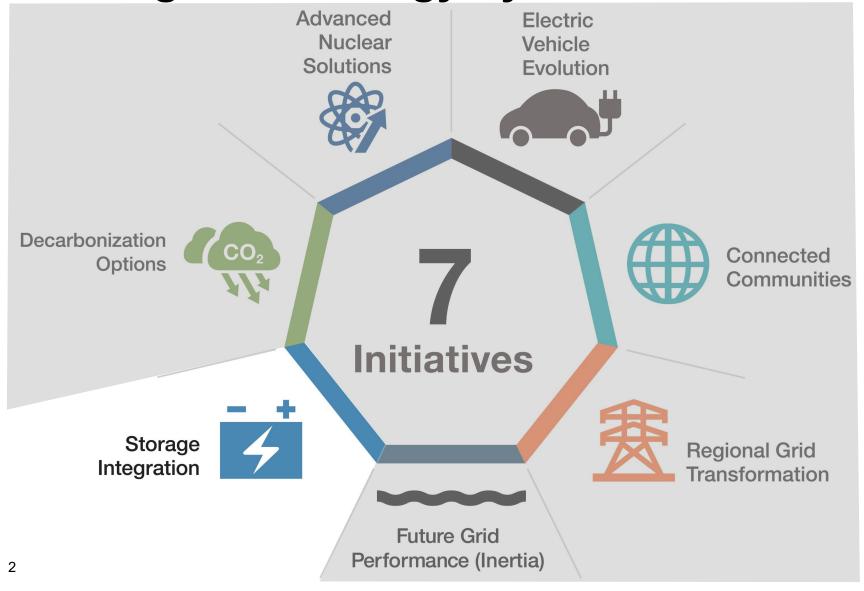
What is pumped storage? Why is TVA considering it?

Curt Jawdy, Senior Manager, Research & Development 2/23/2023



Building TVA's Energy System of the Future



Working to:

- Provide safe, reliable, resilient, cleaner energy at the lowest feasible cost
- Increase energy flexibility



The Need for Energy Storage

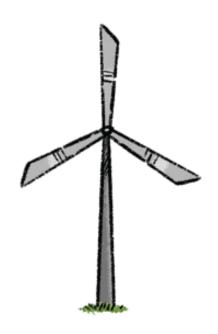
TVA must schedule energy generation to meet demand

Provide energy when zero carbon resources like solar and nuclear can't easily be turned on or off



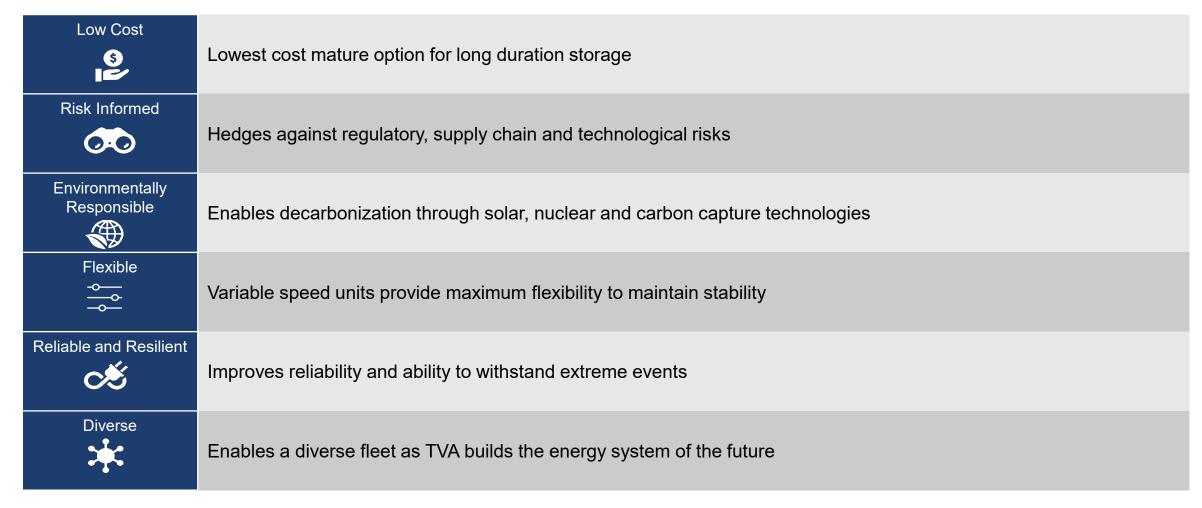
Peak production





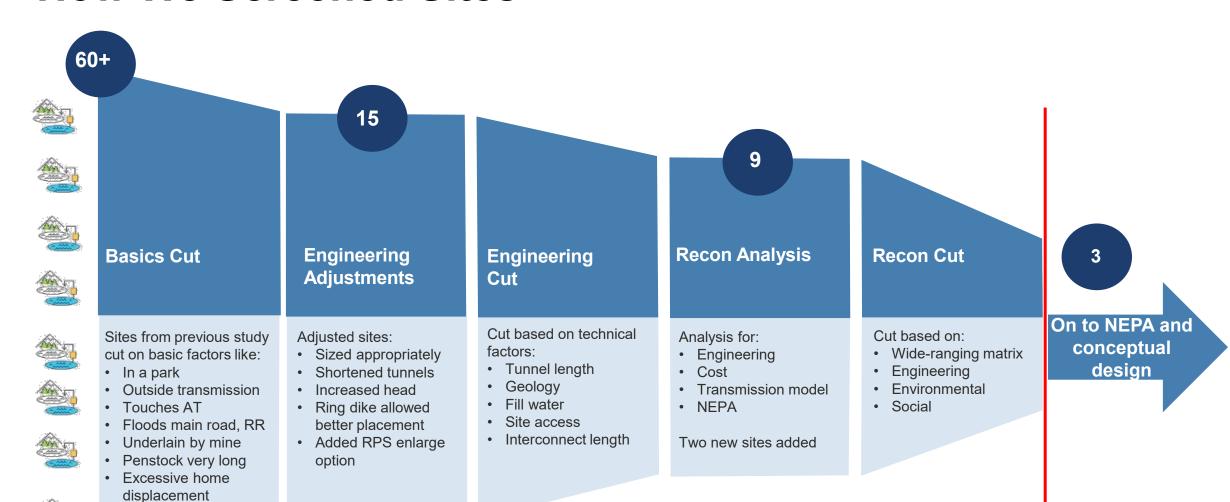


Pumped Storage and TVA Principles





How We Screened Sites





How it Works

