GUESS Group is a team of people with significant experience in the Energy Industry developing local Power Storage

Rural communities in the Illinois coal basin (and other basins) have been devastated by the loss of large numbers of high paying mining jobs, tax collections and energy security from closures of coal mines and coal fired power plants. GUESS aims to bring high paying jobs back to these communities by utilizing operating, idled and abandoned coal mines to store power at these sites using Hybrid Solar HydroElectric Pumped Storage Systems.

This will improve the tax base of local communities, add additional spin-off jobs and improve energy security by providing a means to store excess renewable energy for use when needed.

Energizing Communities and the Grid





Underground Reservoir Concept

Upper Reservoir Crest Elevation

Upper Reservoir Maximum Water Elevation

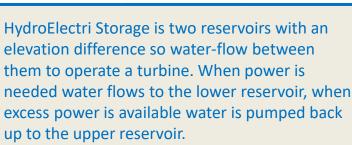
Pipe-Water flow in both

Directions

GUESS Group Primary Partners:

- SIU Advanced Energy Inst
- Local CommunityOrganizations
- •SolAmerica Solar Group
- Mining Partners
- •Kaskaskia Engineers

https://guessgroup.holdings



Surface Reservoirs Concept

Note: In this scenario the turbine would

Ground Surface Profile

Valve

Turbine and Generator (water in)

operate at 80 to 100 Feet of Head

