# LEWIS RIDGE
Pumped Storage Project

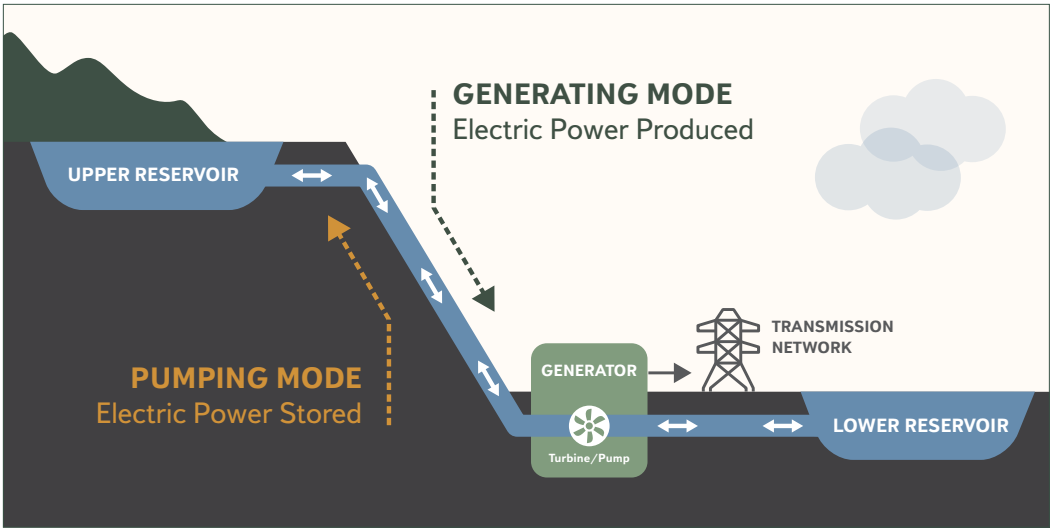


# A Bright Energy Future for Southeastern Kentucky

The Lewis Ridge Pumped Storage Project builds upon the region's energy-producing legacy and skilled workforce to develop new energy infrastructure that will power the nation for generations.

Located in Bell County on former mine lands, the **$1.3 billion** pumped storage project offers a cost-effective, reliable way to store and deliver electricity over long periods. The 266-MW hydropower facility will provide more than **2,300 family-wage** construction jobs, drive rural economic development and support the region's growing energy storage needs.

## PUMPED STORAGE HYDRO: A GIANT WATER BATTERY




Pumped storage is the world's largest, most proven form of energy storage. Pumped storage acts like a battery, moving water between two reservoirs at different elevations. During periods of low electricity demand, excess energy is used to pump water from the lower reservoir to the upper reservoir. When electricity demand is high, the stored water is released, passing through turbines to generate electricity.

## PROJECT AT A GLANCE

**Former mine lands to energy storage**

**$1.3 billion**
investment

Creates
**2,300**
construction jobs

Powers
**67,000**
homes

Offers
**8 hours**
of energy storage



## ECONOMIC AND COMMUNITY BENEFITS

### Creates quality jobs

Supports 2,300 family-wage construction jobs.

### Provides workforce training

Apprentices can earn money while learning a trade.

### Supports schools, roads, parks and safety

Once completed, generates about **$16.5 million** annually in tax revenue for Bell County.

### Boosts the local economy

Contributes an estimated **$104 million** into the local economy during construction, benefiting local businesses.

## Who is developing the project?

Rye Development is leading a new generation of pumped storage hydropower in the United States Rye is a partnership between EDF power solutions and Climate Adaptive Infrastructure—two global leaders in utility-scale energy storage. Learn more:

**www.RyeDevelopment.com**

## Project location

**Bell County, Kentucky**

## Timeline

**March 2022**
FERC issued preliminary permit

**October 2022**
Rye filed a pre-application document (PAD) and Notice of Intent to file an application with FERC

**September 2024**
Rye filed the Draft License Application to FERC

**June 2025**
Rye filed the Final License Application to FERC

**Q2 2027**
FERC license issuance anticipated

**2024–2027**
Design phase

**2027–2031**
Construction

**2031**
**Commercial operation date**

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**For more information and to sign up for the project newsletter, please visit:**

**www.LewisRidgeProject.com**