

# Water

The Homer City Energy Campus uses the same water source that served the former coal plant for over 50 years — the Two Lick Reservoir via Two Lick Creek. Two Lick Reservoir was constructed as part of the former coal plant and will continue to be owned, maintained and operated by Homer City Generation. **As a result of our plans to manage water usage campus-wide, total water use across the Homer City Energy Campus — including the power plant and any future data centers — will be in line with the historical usage levels of the former coal plant when it was operational.**<sup>1</sup>

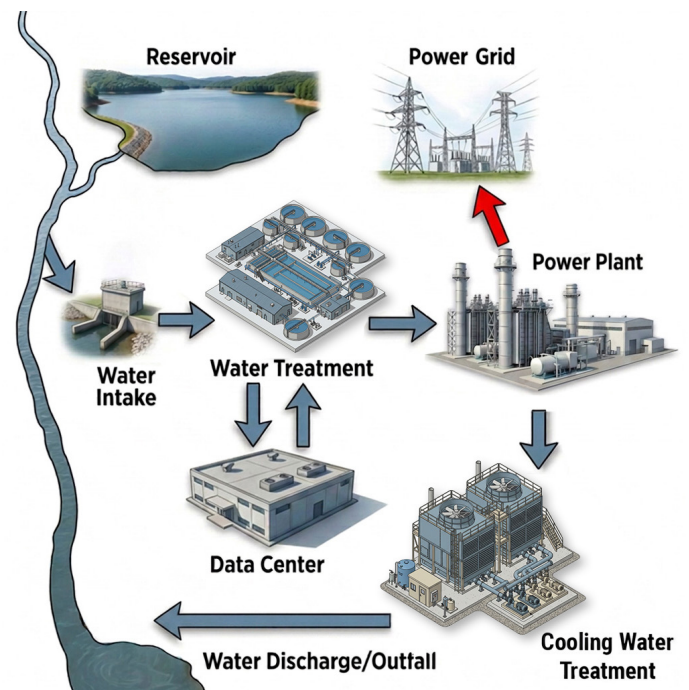
## The Facts

- ✓ **Two Lick Reservoir will continue as the source of water.** Two Lick Reservoir was constructed as part of the former coal plant and will continue to be owned, maintained and operated by Homer City Generation. Forecast water usage for the Energy Campus will align with historical withdrawal levels.
- ✓ **We treat and reuse water onsite.** Homer City Generation's state-of-the-art water treatment system will treat onsite stormwater and water utilized from Two Lick Creek. The state-of-the-art cooling systems will recycle treated water throughout the Energy Campus to minimize the withdrawal rate from Two Lick Creek.
- ✓ **We are building a modern water treatment facility.** We are investing hundreds of millions of dollars to create a modern water treatment facility that will improve the efficiency of the water utilized that uses the existing intake and reservoir. This represents an important environmental investment that will deliver meaningful benefits by improving water quality before it is returned to the watershed, supporting long-term ecosystem health.

## How Our Water Treatment System Works

The water treatment system is designed to capture, treat, and recycle water on the Homer City Energy Campus.

The system will also collect and reuse stormwater from on-site stormwater ponds, reducing demand on withdrawals from Two Lick Creek.



<sup>1</sup>Based on Homer City Generation's detailed data and analysis.

## Our Commitment On Water

- At Homer City Generation, we are committed to being good stewards of the water we use in Indiana County.
- Throughout the construction process and once the power plant is operational, we are and will remain committed to the highest environmental and safety standards, in full compliance with all state and federal regulatory requirements.

## Frequently Asked Questions

### 1. How much water will the Homer City Energy Campus use across both the power plant and any future data centers?

Total water use<sup>2</sup> across the campus — including the power plant and any future data centers — will be in line with the historical usage levels of the former coal plant when it was operational. Due to increased efficiency, the new plant's maximum intake rate using the existing intake is expected to be 5.9 gpm/MW as compared to 14 gpm/MW of the coal plant, representing a 57% improvement in water usage.

### 2. What water source will the power plant draw on? How will you limit the strain on local water supplies?

We continue to own and operate the Two Lick Reservoir, which maintains the same intake and reservoir of water that was established as part of the former coal plant, and we will be able to reuse the former coal plant's water source in full compliance with existing permits and regulations. We are maintaining the same reservoir operational plan, including maintaining the conservation release to Two Lick Creek.

### 3. What steps are you taking to produce power in a water-efficient manner?

Throughout operations, we will take specific steps to reduce the environmental impact on the local water supply including by:

1. Improving the quality of water through treatment
2. Recycling water through the process numerous times
3. Recycling onsite stormwater

The water withdrawn will undergo treatment using modern water treatment equipment and proven treatment processes to remove high levels of suspended particles, iron, manganese, and aluminum. Following treatment, the water is returned to Black Lick Creek with constituent levels reduced to comply with regulatory standards.

<sup>2</sup>Based on Homer City Generation's detailed data and analysis.