

# River Management



TVA operates its 49 dams on the Tennessee River system to manage lake levels and river flows so competing demands are balanced and the public benefits. Whether it's heavy rains or drought, TVA team members work around the clock, managing the Tennessee River system to provide multiple benefits for the region, including flood control, navigation, hydroelectric power generation, recreation, and water quality and supply, and protection of natural resources.

The Tennessee River system and public lands managed by TVA include 11,000 miles of reservoir shoreline, 293,000 acres of reservoir land, and 650,000 surface acres of reservoir water.

## 49 Dams

Hydroelectric and non-power

## 5,498 MW

Summer net capability

Conventional hydroelectric and pumped-storage

Over

## 40,000 Miles of Rivers, Streams and Tributaries

Including the 652-mile Tennessee River

## Flood Damage Averted

### About \$10.2 Billion Since 1936

### Including About \$90 Million in 2025

## Flood Damage Averted from Hurricane Helene

### About \$406 Million in Autumn 2024

## Water Source for over

### 5.2 Million People

For thermoelectric, industrial, public and agricultural needs

## TVA Manages Approximately

### 150 Public Recreation Areas

Including campgrounds, day-use areas and boat launching ramps

## TVA Reservoirs and Recreation Serve as a Driver for

### About \$12 Billion total economic activity

### 130,500+ Jobs

## 50 Million Tons of Products a Year

Shipped with TVA navigation support

On 800 miles of commercially navigable waterways

## Increased Dissolved Oxygen in

### More than 300 Miles of River

Downstream from TVA dams

## More than 240 Fish Species are Native

To the Tennessee Valley and supported by improved oxygen and river flows